



JOUR. ^{AL} from *Bonjour Majin* towards *St. Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>minutes</i> | *day of Oct. | 1843 |
|----|----|------------------|----------|--------|---------|--|--------------|------|
| 1 | | | | | | Throughout this day Strong S.W. winds | | |
| 2 | | | | | | & cloudy weather | | |
| 3 | | | | | | 11:30 each cast off from our bearings | | |
| 4 | | | | | | at Bangor & Proceeded down the River | | |
| 5 | | | | | | in Tow | | |
| 6 | | | | | | at 5 P.M. came to anchor in | | |
| 7 | | | | | | Fort Point Cove | | |
| 8 | | | | | | Later Part Strong S.W. winds Breeze 30, 15 | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 4 th day of Dec | 18 83 |
|----|----|------------------|----------|--------|---------|---|-------|
| 1 | | | | | am | Light n w winds & fine | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | 6 36 got underway and Proceed | |
| 5 | | | | | | Down the Bay | |
| 6 | | | | | | | |
| 7 | | | | | | noon calm with light variable | |
| 8 | | | | | | winds | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | Pm wind Breezing from the | |
| 12 | | | | | | s w | |
| 1 | | | | | | 1 36 came to anchor in Deal | |
| 2 | | | | | | Harbor. | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | Midnight Strong s w winds & | |
| 6 | | | | | | cloudy weather | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

[illegible]

JOURNAL from *Bangor* *Main* towards *St. Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun & day of Mo. | 1883 |
|----|----|------------------|----------|--------|---------|-------------------------------|------|
| 1 | | | | | | Throughout this day fresh S W | |
| 2 | | | | | | winds & fine | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | Mon Nov 5 th 1883 | |
| 7 | | | | | | Throughout this day Light | |
| 8 | | | | | | Southerly winds & Calms | |
| 9 | | | | | | Leaving in Seal Harbor. | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | Tues Nov 6 th 1883 | |
| 1 | | | | | | Throughout this day Fresh S W | |
| 2 | | | | | | Wind & fine weather | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Winds, & Day of Month | 1883 |
|----|----|------------------|----------|--------|---------|-----------------------------------|------|
| 1 | | | | | | First part of this day Fresh S.W. | |
| 2 | | | | | | & fine | |
| 3 | | | | | | | |
| 4 | | | | | | Middle part, Light N.W. winds | |
| 5 | | | | | | & passing clouds | |
| 6 | | | | | | I got underway & proceeded to sea | |
| 7 | | | | | | | |
| 8 | | | | | | 8:30 Passed Waughan Island | |
| 9 | | | | | | | |
| 10 | | | | | | from Fresh Breezes & Rough | |
| 11 | | | | | | Sea | |
| 12 | | | | | | hapt dr 48.120 Long in 69.29 | |
| 1 | 8 | | SSE | N.W. | | from which I take my Dep. | |
| 2 | 8 | | | | HP 112 | | |
| 3 | 8 | | | | | Strong winds & cloudy | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | Midnight do weather | |
| 11 | 8 | | | | | | |
| 12 | 8 | | | | | | |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Bangor Maine towards St. Croix Mts

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|-----------------|-----------|--------|---------|--|
| 1 | 8 | | S B E E E | h r w | | Thurs 8 day of Nov 18 83 Am Strong winds & Cloudy |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | 8 do fine clear weather |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | Noon do weather |
| 11 | 8 | | | | | Latt By obs 40 22 Long 68 50 |
| 12 | 8 | | | | | |
| 1 | 6 | | S B E | " | | PM Light winds & fine weather |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 8 | | | | | 8 do weather |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | midnight wind inclining W S W |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>May 8th day of Apr</i> | 1888 |
|----|----|------------------|----------|--------|---------|---|------|
| 1 | ✓ | | BB E | W m | Am | Light SW & Winds mod | |
| 2 | ✓ | | | | | fine | |
| 3 | ✓ | | | | | | |
| 4 | ✓ | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | | |
| 8 | ✓ | | | S W | | Wind backing to the S W | |
| 9 | ✓ | | | | | | |
| 10 | ✓ | | | | | | |
| 11 | ✓ | | | | | mod Light SW Wind & fine | |
| 12 | ✓ | | | | | Lat 38 21 Long 10 Chron 672 | |
| 1 | ✓ | | SC BB | | P m | do | |
| 2 | ✓ | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | 4 Fresh Breezes & Cloudy Handed | |
| 6 | 8 | | | | | light Sails | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | 8 Strong Winds & Cloudy Sea make | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | 10 Strong Gales with Cross Sea Running | |
| 11 | 8 | | | | | Double Reefed Sloop & Main & St Sails | |
| 12 | 8 | | | | | & lowered | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Bangor Maine* towards *St Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat. 11 day of May | 1883 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | 7 | | SEB 5 | WSW | AM | Strong Gales with heavy Cross Sea | |
| 2 | 7 | | | | | | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | | |
| 8 | 6 | | | | | 8 more moderate | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | | |
| 11 | 6 | | | | | | |
| 12 | 6 | | | | | | |
| 1 | 6 | | SE 2 5 | WSW | | begin wind & sea moderating Set, whole 5 th sail & main sail & flying jib | |
| 2 | 6 | | | | | Lat 15 45 N Long 65 50 | |
| 3 | 6 | | | | | fresh breeze and fine | |
| 4 | 6 | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | | |
| 8 | 6 | | | | | | |
| 9 | 7 | | | | | | |
| 10 | 7 | | | | | midnight no weather | |
| 11 | 7 | | | | | | |
| 12 | 7 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 11 day of Nov | 1883 |
|----|----|------------------|----------|--------|---------|-------------------------------|------|
| 1 | Y | | SE 1/4 S | W S W | Am | fresh Breezes & fine | |
| 2 | Y | | | | | | |
| 3 | Y | | | | | | |
| 4 | Y | | | | | | |
| 5 | Y | | | | | | |
| 6 | Y | | | | | | |
| 7 | Y | | | | | | |
| 8 | Y | | | | | | |
| 9 | Y | | | | | noon ds weather | |
| 10 | Y | | | | | Lat by obs 35 83 Long 63 28 | |
| 11 | Y | | | | | | |
| 12 | Y | | | | | | |
| 1 | Y | | SE | .. | PM | fresh Breezes & fine | |
| 2 | Y | | | | | | |
| 3 | Y | | | | | | |
| 4 | Y | | | | | | |
| 5 | Y | | | | | | |
| 6 | Y | | | | | | |
| 7 | 6 | | | | | 8 o'clk all Reefs & Set Light | |
| 8 | 6 | | | | | Sails | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | | |
| 11 | 6 | | | | | midnight ds weather | |
| 12 | 6 | | | | | | |

[illegible]

JOURNAL from *Bangor Maine* towards *St Croix Mts*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, Month day of Year | 1883 |
|----|----|-----------------|----------|--------|---------|--------------------------------|------|
| 1 | 6 | | SSE | WSW | | Fresh Breezes & Sea making | |
| 2 | 6 | | | | | | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 6 | | | | | 4 handed regt sails | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | | |
| 8 | 6 | | | | | | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | Noon do weather | |
| 11 | 6 | | | | | Lat By obs 32 34 Long 62 11 | |
| 12 | 6 | | SSE | " | | | |
| 1 | 6 | | | | PM | Fresh Breezes & Passing Clouds | |
| 2 | 6 | | | | | | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 5 | | | | | | |
| 6 | 5 | | | | | | |
| 7 | 5 | | | | | | |
| 8 | 5 | | | | | | |
| 9 | 5 | | | | | | |
| 10 | 5 | | | | | | |
| 11 | 5 | | | | | | |
| 12 | 5 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, This 13 day of Nov | 18 82 |
|----|----|------------------|----------|--------|---------|-----------------------------|-------|
| 1 | 5' | | S B E | West | am | Strong Breezes & Squally | |
| 2 | 5' | | | | | | |
| 3 | 5' | | | | | | |
| 4 | 5' | | | | | | |
| 5 | 5' | | | | | | |
| 6 | 5' | | | | | | |
| 7 | 5' | | | N W | | 6 Min Tearing Northwely | |
| 8 | 5' | | | | | | |
| 9 | 5' | | | | | | |
| 10 | 5' | | | | | | |
| 11 | 5' | | | | | Boys fine Clear weather | |
| 12 | 5' | | | | | Lat 29 33 Long 61 39 | |
| 1 | 6' | | S B W | | | P M do Weather | |
| 2 | 6' | | | | | | |
| 3 | 6' | | | | | | |
| 4 | 6' | | | | | | |
| 5 | 6' | | | | | | |
| 6 | 6' | | | | | | |
| 7 | 6' | | | | | | |
| 8 | 6' | | | | | | |
| 9 | 6' | | | | | | |
| 10 | 6' | | | | | midnight do weather | |
| 11 | 6' | | | | | | |
| 12 | 6' | | | | | | |

[illegible]

JOURNAL from *Bangor Maine* towards *St Croix* 18 *83*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun/Day of Mon |
|----|----|------------------|----------|---------|---------|----------------------------|
| 1 | 8 | | SE 1/4 W | | | Fresh Trades and fine |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | E 1/2 E | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | noon do weather |
| 12 | 8 | | | | | Lat by obs 17 14 Lon 63 30 |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | PM do weather |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | made Semberer Bear |
| 9 | | | | | | South |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Mon/Day of Dec |
|----|----|------------------|----------|--------|---------|-------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *St Croix* towards *Reader Keys* 18 *83*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun/Day of Mon |
|----|----|------------------|----------|--------|---------|--------------------------------|
| 1 | 9 | | W 1/2 S | hNE | | Fresh Breezes and fine |
| 2 | 9 | | | | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | noon do weather |
| 10 | 9 | | | | | Lat by obs 17 18 Lon 67 26 |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | |
| 1 | 9 | | W 1/2 S | | | PM Fresh Trades & fine weather |
| 2 | 9 | | | | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | |
| 10 | 9 | | | | | |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Mon/Day of Dec |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | 9 | | W 1/2 S | hE | | am Fresh Trades & fine |
| 2 | 9 | | | | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | noon do weather |
| 10 | 9 | | | | | Lat by obs 17 05 Lon 71 52 |
| 11 | 9 | | | | | Island of Harty in sight |
| 12 | 9 | | | | | |
| 1 | 9 | | W 1/2 S | | | PM do weather |
| 2 | 9 | | | | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | |
| 10 | 9 | | | | | |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

St Croix towards Cedar Keys

Remarks, Tues 4th day of Dec 1883
am fresh Trades & fine weather

Land of City in Sight

Lat By obs 17 58 Long 74 35

m do weather

midnight do

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. |
|----|----|------------------|----------|--------|---------|
| 1 | 8 | | W B E | N E | |
| 2 | 8 | | | | |
| 3 | 8 | | | | |
| 4 | 8 | | | | |
| 5 | 8 | | | | |
| 6 | 8 | | | | |
| 7 | 8 | | | | |
| 8 | 8 | | | | |
| 9 | 8 | | | | |
| 10 | 8 | | | | |
| 11 | 8 | | | | |
| 12 | 8 | | | | |
| 1 | 8 | | | | |
| 2 | 8 | | | | |
| 3 | 8 | | | | |
| 4 | 8 | | | | |
| 5 | 8 | | | | |
| 6 | 8 | | | | |
| 7 | 8 | | | | |
| 8 | 8 | | | | |
| 9 | 8 | | | | |
| 10 | 8 | | | | |
| 11 | 8 | | | | |
| 12 | 8 | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | Wed 5 th day of Dec 1883 |
|----|----|------------------|----------|--------|---------|---|-------------------------------------|
| 1 | 8 | | W B E | N E | | am | Fresh Trades and fine |
| 2 | 8 | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | noon do weather | |
| 11 | 8 | | | | | Lat By obs 18 52 Long 74 42 | |
| 12 | 8 | | | | | # m fresh Breezes and Passing Clouds | |
| 1 | 8 | | | | | | |
| 2 | 8 | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | 10 30 have to and to wait for day light | |
| 11 | 8 | | | | | | |
| 12 | 8 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

St Croix towards Cedar Keys

Remarks, Thurs day of Dec 1883
am fresh Trades and fine

5 Kip off and made sail

at Sea made Common Breeze
Bearing South Dec 6 milesLat at noon By obs 20 03
Long in 74 10

m fresh Breezes and fine

midnight do weather

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. |
|----|----|------------------|----------|--------|---------|
| 1 | 8 | | S E | N E | |
| 2 | 8 | | | | |
| 3 | 8 | | | | |
| 4 | 8 | | | | |
| 5 | 8 | | | | |
| 6 | 8 | | W B E | | |
| 7 | 8 | | | | |
| 8 | 8 | | | | |
| 9 | 8 | | | | |
| 10 | 8 | | | | |
| 11 | 8 | | | | |
| 12 | 8 | | | | |
| 1 | 8 | | | | |
| 2 | 8 | | | | |
| 3 | 8 | | | | |
| 4 | 8 | | | | |
| 5 | 8 | | | | |
| 6 | 8 | | | | |
| 7 | 8 | | | | |
| 8 | 8 | | | | |
| 9 | 8 | | | | |
| 10 | 8 | | | | |
| 11 | 8 | | | | |
| 12 | 8 | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | Fri 7 th day of Dec 1883 |
|----|----|------------------|----------|--------|---------|-----------------------------|-------------------------------------|
| 1 | 8 | | W B E | N E | | am | Fresh Trades and fine |
| 2 | 8 | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | noon do weather | |
| 11 | 8 | | | | | Lat By obs 21 13 Long 82 52 | |
| 12 | 8 | | | | | # m do weather | |
| 1 | 8 | | | | | | |
| 2 | 8 | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | | |
| 11 | 8 | | | | | | |
| 12 | 8 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *St Croix* towards *Coconut Key*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Jan 1</i> day of <i>Dec</i> 1883 |
|----|----|------------------|------------|------------|---------|--|
| 1 | 6 | | <i>NW</i> | <i>ESE</i> | | <i>am fresh Breezes & fine</i> |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | <i>noon do weather</i> |
| 11 | 6 | | | | | <i>Lat by obs 24 13</i> |
| 12 | 6 | | | | | <i>Long by Chron 85 20</i> |
| 1 | 6 | | <i>NBE</i> | | | <i>PM</i> |
| 2 | 6 | | | | | <i>do weather</i> |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | <i>8th Squalls of Rain from</i> |
| 8 | 6 | | | | | <i>Passing clouds</i> |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | <i>midnight do weather</i> |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Jan 9</i> day of <i>Dec</i> 1883 |
|----|----|------------------|------------|------------|---------|--|
| 1 | 6 | | <i>NBE</i> | <i>ESE</i> | | <i>am Light Winds & fine</i> |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | <i>noon do weather</i> |
| 11 | 7 | | | | | <i>Lat by obs 26 46 Long 84 40</i> |
| 12 | 7 | | | | | <i>PM fresh Breezes & fine</i> |
| 1 | 6 | | | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | <i>midnight do weather</i> |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *St Croix* towards *Coconut Key*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Jan 11</i> day of <i>Dec</i> 1883 |
|----|----|------------------|------------|-----------|-----------|---|
| 1 | 6 | | <i>NW</i> | <i>NE</i> | <i>am</i> | <i>fresh Breezes and fine</i> |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | <i>noon do weather</i> |
| 1 | 6 | | | | | <i>Lat by obs 28 34 " 84 28"</i> |
| 2 | 6 | | | | | <i>PM do weather</i> |
| 3 | 6 | | <i>SEE</i> | | | <i>Tacked Ship to the ESE</i> |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | <i>midnight do weather</i> |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Jan 11</i> day of <i>Dec</i> 1883 |
|----|----|------------------|--------------|-----------|-----------|---|
| 1 | 5 | | <i>SE/SE</i> | <i>NE</i> | <i>am</i> | <i>fresh Breezes and fine</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | <i>noon do weather</i> |
| 12 | 5 | | | | | <i>Lat by obs 27 46</i> |
| 1 | 5 | | | | | <i>Edgemont Lute House Bearing SSE</i> |
| 2 | 5 | | | | | <i>PM do weather</i> |
| 3 | 4 | | | | | <i>Tacked Ship to the N Ward</i> |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | <i>midnight do weather</i> |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Cedar Keys towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Jan 20 day of Jan 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 6 | | h E | h h w | | AM Fresh W W winds and Cloudy weather |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | 4 Strong winds and Passing Clouds, hauled light sails |
| 5 | 6 | | | | | Cape Florida Light Bearing W |
| 6 | 6 | | W S W | h W | | Des 20 miles |
| 7 | 5 | | | | | 8 do weather Sacked Ship to the N N E |
| 8 | 5 | | h E | | | |
| 9 | 5 | | | | | |
| 10 | 4 | | | | | halt at noon 26 15 |
| 11 | 4 | | | | | long in 72 48 |
| 12 | 4 | | | | | |
| 1 | 4 | | h E B h | " | | PM Fresh N W winds with heavy head Best Sea |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | West | | | 6 Sacked Ship to the westward |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 5 | | | | | 10 Sacked Ship to the N E |
| 10 | 5 | | h E B h | " | | Submerg Light Bearing W S Des 20 miles |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Jan 21 day of Jan 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 5 | | h E B h | h W | | AM Strong winds with heavy head Best Sea |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | noon do weather |
| 11 | 4 | | | | | halt by obs 28 25 |
| 12 | 4 | | | | | long in 78 35 |
| 1 | 4 | | | | | PM do weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | West | | | 4 Sacked Ship to the westward |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | midnight fresh B |
| 11 | 4 | | | | | Strong winds and Passing Clouds |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Cedar Keys towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Jan 22 day of Jan 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | h E B h | h W | | AM Strong N W winds and Passing Clouds Sacked Ship to the N N E |
| 2 | 4 | | | | | |
| 3 | 3 | | | | | 4 Wind Varing to the N E |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | 6 Wind moderating and Sea going down |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | 10 Sacked Ship to the W ward |
| 10 | 2 | | h W B h | h E | | |
| 11 | 1 | | | | | noon, light variable winds & Calm |
| 12 | 1 | | North | E N E | | halt by obs 28 25 |
| 1 | 1 | | | | | long in 78 35 |
| 2 | 2 | | | | | PM do weather |
| 3 | 3 | | | | | wind Varing to the S E |
| 4 | 3 | | | S E | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | 5 Wind. Increase |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | midnight fresh B Breeze & fine |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Jan 23 day of Jan 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | North | S E | | AM light winds & Passing Clouds |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | noon do weather |
| 10 | 4 | | | | | halt by obs 28 33 |
| 11 | 4 | | | | | long in 78 33 |
| 12 | 4 | | | | | |
| 1 | 4 | | h E B h | " | | PM do weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | South | | |
| 7 | 4 | | | | | 6 Strong Breeze and Cloudy, hauled light sails |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | midnight Strong winds & squally, slowed speed & f. jib |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
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JOURNAL from

Cedar Keys

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thursday</i> day of <i>Jan</i> | 18 <i>81</i> |
|----|----|------------------|-----------------|--------------|---------|--|--------------|
| 1 | 8 | | <i>NE 1/4 N</i> | <i>South</i> | | <i>am Strong winds & squally</i> | |
| 2 | 8 | | | | | | |
| 3 | 8 | | | | | | |
| 4 | 8 | | | | | | |
| 5 | 8 | | | | | | |
| 6 | 8 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 8 | | | | | <i>noon do weather</i> | |
| 11 | 8 | | | | | <i>Lat Bobs 32.5 Long 76.36</i> | |
| 12 | 8 | | | | | | |
| 1 | 8 | | <i>NNE</i> | | | | |
| 2 | 8 | | | | | <i>PM do weather</i> | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | <i>Hoisted light Sails</i> | |
| 8 | 6 | | | | | | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | <i>midnight do weather</i> | |
| 11 | 6 | | | | | | |
| 12 | 6 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Friday 25</i> day of <i>Jan</i> | 18 <i>81</i> |
|----|----|------------------|--------------|-----------|---------|---|--------------|
| 1 | 6 | | | | | <i>am fresh southerly winds and cloudy</i> | |
| 2 | 6 | | | | | | |
| 3 | 6 | | <i>North</i> | <i>SW</i> | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | <i>NNE</i> | | | | |
| 7 | 3 | | | | | | |
| 8 | 3 | | | | | | |
| 9 | 3 | | <i>NNE</i> | | | <i>noon wind veering westerly</i> | |
| 10 | 3 | | | | | <i>Lat by dr 33.56</i> | |
| 11 | 3 | | | | | <i>Long 76.33</i> | |
| 12 | 3 | | | | | <i>PM wind veering to the NW</i> | |
| 1 | 3 | | | | | | |
| 2 | 3 | | | | | <i>4 wind veering to the NE</i> | |
| 3 | 3 | | | | | <i>with much rain</i> | |
| 4 | 3 | | | | | <i>Close heavy Sails all Round</i> | |
| 5 | 2 | | | | | <i>5 more Sails to the NW</i> | |
| 6 | 2 | | | | | <i>and head Reached</i> | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 2 | | | | | | |
| 10 | 2 | | | | | <i>midnight heavy squalls</i> | |
| 11 | 2 | | | | | <i>with heavy rolling sea</i> | |
| 12 | 2 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

Cedar Keys

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Saturday</i> day of <i>Jan</i> | 18 <i>81</i> |
|----|----|------------------|-----------------|-----------|---------|--|--------------|
| 1 | 2 | 2 | <i>NW Drift</i> | <i>NE</i> | | <i>am Strong Gails and Stormy</i> | |
| 2 | 2 | | | | | <i>4 Stowed Jib</i> | |
| 3 | 1 | | | | | | |
| 4 | 2 | | | | | | |
| 5 | 2 | | | | | | |
| 6 | 2 | | | | | | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 2 | | | | | <i>noon Strong Gails and Breechen</i> | |
| 10 | 2 | | | | | <i>Clouds and much vapor flying</i> | |
| 11 | 2 | | | | | <i>Lat by dr 34.40 Long 75.42</i> | |
| 12 | 2 | | | | | | |
| 1 | 2 | | | | | <i>PM Strong Gails & Passing</i> | |
| 2 | 2 | | | | | <i>Clouds with heavy Cross Sea</i> | |
| 3 | 2 | | | | | | |
| 4 | 2 | | | | | | |
| 5 | 2 | | | | | <i>4 Bounded in 20 fathoms and</i> | |
| 6 | 2 | | | | | <i>wore ship to the Eastward</i> | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 2 | | | | | | |
| 10 | 2 | | | | | <i>midnight do weather</i> | |
| 11 | 2 | | | | | | |
| 12 | 2 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sun 27</i> day of <i>Jan</i> | 18 <i>82</i> |
|----|----|------------------|-----------|-----------|---------|--|--------------|
| 1 | 2 | | <i>SE</i> | <i>NE</i> | | <i>am Strong Gails and Cloudy</i> | |
| 2 | 2 | | | | | | |
| 3 | 2 | | | | | | |
| 4 | 2 | | | | | <i>4 wind and sea moderating</i> | |
| 5 | 2 | | | | | <i>but reefs</i> | |
| 6 | 2 | | | | | | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 2 | | | | | <i>noon do weather</i> | |
| 10 | 2 | | | | | <i>Lat by dr 33.40 Long 75.55</i> | |
| 11 | 2 | | | | | <i>PM wind inclining to ENE</i> | |
| 12 | 2 | | | | | | |
| 1 | 3 | | | | | | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | <i>4 Tacked ship to the Nward</i> | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | <i>midnight light SE wind and</i> | |
| | | | | | | <i>Passing Clouds</i> | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

Cedar Keys

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>mon 2nd day of Jan</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | h h E | S E | | am Calms. and light variable winds |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | 4 Wind Varing to the S E |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | noon. wind Varing to the S W |
| 10 | 3 | | | | | Lat by obs 34 40 Long 73 39 |
| 11 | 3 | | | | | 1 P M light wind & Cloudy |
| 12 | 3 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tues 3rd day of Jan</i> |
|----|----|------------------|----------|-----------|---------|--|
| 1 | 4 | | h E B a | h a r t e | | am fresh Breezes & foggy |
| 2 | 4 | | | | | Wind Varing to the N W |
| 3 | 4 | | | | | handed light sails |
| 4 | 4 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

Cedar Keys

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 5th day of Jan</i> |
|----|----|------------------|----------|-----------|---------|---|
| 1 | 4 | | E h E | h a r t e | | am strong winds and stormy weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 6th day of Jan</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | h h W | | | 1 P M fresh N S W winds and thick weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Cedar Keys* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of Feb 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | am fresh breezes and fine |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | 8 Made the Land to the northward of Barney Is. and wind veering to the NW |
| 9 | | | | | | noon Wind Wind backing northerly |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 10 30 Came to anchor off the bar at sundown |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 2 day of Feb 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | one light N.W. winds & calm |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | 6 Got underway wind veering S.E. |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | 10 30 Came to anchor off Key Hook furled sails & got ready for docking |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | 4 30 got underway & towed in to Eusee Basin |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | last part of the day foggy |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Cherry in the* towards *Port of New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of Feb 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | 17th Feb 21st This fresh N.W. winds & passing clouds came on board this am |
| 2 | | | | | | got all ready for sea |
| 3 | | | | | | Time elapsed 20 days Discharging loading and getting ready for sea nothing worthy of note |
| 4 | | | | | | During the time |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 18th Feb 22nd First part of the day light |
| 11 | | | | | | then m. winds & fine weather |
| 12 | | | | | | at 6 30 Cast off from the dock and towed out of dock and made all sail & proceed down the bay |
| 1 | | | | | | noon came to anchor in back of Sandy Hook wind veering S.E. |
| 2 | | | | | | light |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | Midnight Calm and foggy |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 23 day of Feb 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | First part this day light |
| 2 | | | | | | variable winds & bad weather |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | noon wind breezing up N.E. |
| 6 | | | | | | and thick fog & P.M. wind backing to the NW |
| 7 | | | | | | and thick snow storm |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | at dark wind increasing to a gale & veering to the NW |
| 11 | | | | | | midnight do weather |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Convers*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 29 day of February 1854 |
|----|----|------------------|----------|--------|---------|--------------------------------------|
| 1 | | | | | | Calm Strong N.W. winds |
| 2 | | | | | | & Stormy |
| 3 | | | | | | Daylight wind moderating |
| 4 | | | | | | got underway & proceeded |
| 5 | | | | | | to sea |
| 6 | | | | | | 8 Passed out By Sandy hook |
| 7 | | | | | | 10 Light wind veering to |
| 8 | 3 | | ESE | North | | the NNE |
| 9 | 3 | | | | | variable weather |
| 10 | 3 | | | | | Lat 40 10 Long in 73 51 |
| 11 | 3 | | | | | Light variable winds |
| 12 | 3 | | | | | and passing clouds |
| 1 | | | | | PM | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | night Calm & variable |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|---|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| H | K | 1K | | | | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|-----------------------------|
| 1 | | | | | | Mon 25 day of February 1884 |
| 2 | | | | | | Am light variable winds |
| 3 | | | | | | and Cloudy |
| 4 | | | | | | 4 p wind breezing from |
| 5 | | | | | | the N E and very foggy |
| 6 | 3 | | SS E | N E | | weather handed night |
| 7 | 3 | | | | | Do do |
| 8 | 3 | | | | | Lat at noon 39 31 73 28 |
| 9 | 3 | | | | | Mid night do weather |
| 10 | 3 | | | | | do do weather |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 4 | | South | N E | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | 4 do weather |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | 8 wind veering to the |
| 9 | 4 | | | | | N W |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | Mid night fresh N W winds |
| 12 | 4 | | | | | and fine |

[illegible]

JOURNAL from *Point Barlow* towards *Oran*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, Tuesday of February 1884 |
|----|----|-----------------|----------|---------|---------|------------------------------------|
| 1 | 4 | | South | 25 12 E | | Am Fresh breeze and passing clouds |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | noon so weather |
| 11 | 5 | | | | | Lat 49 37 49 Long 173 25 |
| 12 | 5 | | | | | |
| 1 | 7 | | S 3 E | 25 12 W | | Pm Fresh Breezes and fine |
| 2 | 7 | | True | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | Midnight so weather |
| 11 | 7 | | | | | with heavy cross sea |
| 12 | 7 | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Winds</i> ²⁷ day of <i>Feb</i> | 18 <i>84</i> |
|----|----|------------------|----------|--------|---------|---|--------------|
| 1 | 7 | | S B E | run | am | Fresh Breezes and fine weather | |
| 2 | 7 | | " | | | | |
| 3 | 7 | | | | | | |
| 4 | 7 | | | | | with heavy Cross sea Running | |
| 5 | 7 | | | | | | |
| 6 | 7 | | | | | | |
| 7 | 7 | | | | | | |
| 8 | 6 | | | | | noon more moderate | |
| 9 | 6 | | | | | late By obs 3513 Long 7230 | |
| 10 | 6 | | | | | | |
| 11 | 6 | | | | | | |
| 12 | 6 | | | | | | |
| 1 | 6 | | N " | N E | | th m light N E winds and cloudy | |
| 2 | 5 | | | | | | |
| 3 | 5 | | | | | | |
| 4 | 5 | | | | | | |
| 5 | 5 | | | | | 6 Wind veering to the E & E | |
| 6 | 5 | | | | | showed light streaks | |
| 7 | 5 | | | | | | |
| 8 | 5 | | | | | | |
| 9 | 5 | | | | | midnight Wind veering to the | |
| 10 | 5 | | | | | S E | |
| 11 | 5 | | | | | | |
| 12 | 5 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. | |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|--|

JOURNAL from *New York* towards *Cuniveres*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 2 day of Feb</i> | 1884 |
|----|----|------------------|----------|--------|---------|------------------------------------|------|
| 1 | 4 | | SEB | | AM | fresh S & E winds & blowing | |
| 2 | 3 | | | | | wind inclining southerly | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | 4 Wind veering S.W. strain | |
| 5 | 3 | | | | | Carried away by the stay ball | |
| 6 | 3 | | | | | at mast head | |
| 7 | 3 | | | | | 8 Strong breeze & Cloudy | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 3 | | | | | noon Strong S.W. Gails with heavy | |
| 11 | 3 | | | | | Cross sea running | |
| 12 | 13 | | SEBE | | | Lat 33 34 Long 72 40 | |
| 1 | 3 | | Drift | | | PM hauled down head sails | |
| 2 | 3 | | | | | and hove too | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | | |
| 5 | 3 | | | | | | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | | |
| 8 | 3 | | | | | Midnight wind veering to | |
| 9 | 3 | | | | | W & W | |
| 10 | 3 | | | | | have ready off Run | |
| 11 | 3 | | | | | under lower masts | |
| 12 | 3 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 29 day of Feb</i> | 1884 |
|----|----|------------------|----------|--------|---------|-------------------------------------|------|
| 1 | 2 | | SEB | nm | | Am Strong N.W. Gails and | |
| 2 | 2 | | | | | Stormy weather | |
| 3 | 2 | | | | | | |
| 4 | 2 | | | | | | |
| 5 | 2 | | | | | | |
| 6 | 2 | | | | | | |
| 7 | 2 | | | | | 8 do weather | |
| 8 | 2 | | | | | noon do weather sun obscure | |
| 9 | 2 | | | | | Lat 31 42 Long 71 50 | |
| 10 | 2 | | | | | | |
| 11 | 2 | | | | | | |
| 12 | 6 | | | | | Midnight wind and sea moderating | |
| 1 | 6 | | | | | out Reefs and set Top sails | |
| 2 | 6 | | | | | | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | | |
| 7 | 6 | | | | | | |
| 8 | 6 | | | | | | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | | |
| 11 | 6 | | | | | | |
| 12 | 6 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Cuniveres*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat 1 day of March</i> | 1884 |
|----|----|------------------|----------|--------|---------|------------------------------------|------|
| 1 | 6 | | SEB | nm | | am fresh N.W. winds | |
| 2 | 6 | | | | | & cloudy | |
| 3 | 5 | | | | | | |
| 4 | 5 | | | | | | |
| 5 | 5 | | | | | 6 more moderate | |
| 6 | 5 | | | | | | |
| 7 | 5 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 3 | | | | | | |
| 11 | 3 | | | | | noon light variable winds | |
| 12 | 3 | | | | | with much rain | |
| 1 | 3 | | SEBE | | | sun obscure no obs | |
| 2 | 3 | | | | | Lat 29 50 Long 70 35 | |
| 3 | 3 | | | | | PM | |
| 4 | 3 | | | | | light N.W. winds with much | |
| 5 | 3 | | | | | clouds | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 3 | | | | | Midnight do weather | |
| 11 | 3 | | | | | | |
| 12 | 3 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sun 2 day of March</i> | 1884 |
|----|----|------------------|----------|--------|---------|------------------------------------|------|
| 1 | 3 | | SEBE | SW | | am light backing winds | |
| 2 | 3 | | | | | to the SW | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | | |
| 5 | 3 | | | | | 4 wind freshening | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | | |
| 8 | 3 | | | | | 8 Stowed Top sails | |
| 9 | 3 | | | | | heavy squalls and sea making | |
| 10 | 3 | | | | | | |
| 11 | 3 | | | | | noon do weather | |
| 12 | 3 | | | | | Lat obs 29 27 Long Chron 69 50 | |
| 1 | 4 | | SEBE | | PM | Strong N.W. winds and squally | |
| 2 | 4 | | | | | weather with high topping sea | |
| 3 | 5 | | | | | | |
| 4 | 5 | | | | | | |
| 5 | 6 | | | | | | |
| 6 | 6 | | | | | 4 Wind inclining northerly | |
| 7 | 7 | | | | | | |
| 8 | 7 | | | | | | |
| 9 | 7 | | | | | | |
| 10 | 7 | | | | | 8 do weather accompanied with | |
| 11 | 7 | | | | | heavy squalls of rain and wind | |
| 12 | 7 | | | | | Midnight do weather | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Goramee*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Mon 3 day of March</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 6 | | S B E | h m | | AM Strong h w winds and Passing Clouds |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | 4 wind and sea more knock |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 5 | | S B W | | | 8 Set Topsails all Sail set |
| 11 | 5 | | | | | noon do weather |
| 12 | 5 | | | | | Lat By obs 26 49 long in 69 40 |
| 1 | 6 | | | | | PM Fresh Breezes Inclining to the northward |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | Midnight do weather wind bearing to the N N E |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tues 4 day of March</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 6 | | S B W | N B E | | AM Fresh Breezes and fine |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | S B W | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | noon do weather |
| 11 | 6 | | | | | Lat obs 24 14 long in 69 43 |
| 12 | 6 | | | | | PM Fresh Trades and fine |
| 1 | 6 | | S B W | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | 8 Squally |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | Midnight Strong winds and Passing Squalls |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | Showed light Sails |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Goramee*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 5 day of March</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 6 | | S B W | E N E | | AM Strong winds and Squally |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | 4 do weather |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | noon do weather made Surfs Island bearing S W by S 10 miles |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | | | | PM Fresh Breezes and fine |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | S W | | | 3 Passed out through the Passage |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | 8 do weather |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | Midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 6 day of March</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 6 | | S W | N E | | AM Fresh Breezes and fine |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | S B W | | | 6 made 10 miles hole fifty bearing S B W |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | noon Calm and light variable winds Close under the corner |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | PM do weather |
| 1 | 6 | | | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | 4 light winds and fine working up under the land |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | Midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Geneva*

towards

JOURNAL from

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri 7th day of March 1881</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of |
|----|----|------------------|----------|--------|---------|----------|--------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|-----------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

towards

[illegible][illegible]

towards

| Course. | Distance. | Diff. of Lat.. | Departure. | Lat. by D. R. | Lat. by Ob.. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|----------------|------------|---------------|--------------|----------------|---------------|----------|-------------|
| | | | | | | <i>H. 34.0</i> | | | |

[illegible]

JOURNAL from

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 5 th day of April 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 3 | | hse | East | Am | Light winds and fine weather |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 2 | | | | | 7 30 Wind Inclining SE |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | Noon Light SE winds and fine |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | 4 PM do weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | 5 Made the late one great |
| 8 | 5 | | | | | augurer Bearing EBM |
| 9 | 5 | | | | | Midnight wind veering to the |
| 10 | 5 | | | | | SE |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 6 day of April 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | hse | SE | Am | Light winds and fine |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | | | | SW | | |
| 7 | | | | | | 6 30 Made Castle Island |
| 8 | | | | | | |
| 9 | | | | | | 8 30 Passed in by Castle Island |
| 10 | | | | | | |
| 11 | | | | | | Noon Light SW winds and fine |
| 12 | | | | | | PM do weather |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | 4 Passed Fortune Island |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | 8 Passed Crooked Island and out of the Passage |
| 9 | 4 | | hse | South | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | Midnight wind veering to the SE |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Mon 7 day of April 1884 |
|----|----|------------------|----------|--------|---------|----------------------------------|
| 1 | 4 | | hse | SW | Am | Fresh Breezes veering to the |
| 2 | 4 | | | | | ward |
| 3 | 4 | | | West | | 2 wind veering to the NW |
| 4 | 4 | | | | | in a squall & under light sails |
| 5 | 4 | | | NW | | |
| 6 | 4 | | | | | 4 Wind veering Northerly |
| 7 | 4 | | | | | |
| 8 | 4 | | | North | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | Noon Wind veering Easterly |
| 11 | 3 | | NW 1/4 N | NE | | Sacked ship to the NW |
| 12 | 3 | | | | | Lat at 24 10 Long in 73 |
| 1 | 3 | | | | | PM |
| 2 | 3 | | | | | Light Easterly winds and fine |
| 3 | 3 | | | | | |
| 4 | 3 | | nnw | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | SE | | 4 Wind veering to the SE |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Midnight do weather |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Tues 8 day of April 1884 |
|----|----|------------------|----------|--------|---------|-----------------------------------|
| 1 | 3 | | NW 1/4 N | South | Am | Light Southerly winds and fine |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | Noon do weather |
| 8 | 2 | | | | | Lat by obs 25 10 Long in 73 |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 3 | | | | | PM do weather |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | 4 wind variable & light |
| 5 | 2 | | | | | with smooth sea |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | Midnight do weather |
| 12 | 2 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Winds ^{9th} day of April |
|----|----|-------------------|----------|----------|---------|---|
| 1 | 3 | | 1111 | South | AM | light winds and fine |
| 2 | 3 | | | | | |
| 3 | 3 | 19 | | | | |
| 4 | 3 | 30 | | variable | | Wind light and variable |
| 5 | 4 | 25 | | | | |
| 6 | 4 | 74 | | | | |
| 7 | 4 | 116 $\frac{3}{4}$ | | | | |
| 8 | 3 | 44 $\frac{1}{4}$ | | 3/148 | | |
| 9 | 3 | 74 | | 49 | | noon do weather |
| 10 | 3 | 74 | | | | late Bay obs 26 27 long in 73 56 |
| 11 | 3 | 74 | | | | |
| 12 | 5 | 85-84 | | | | |
| 1 | 3 | 57 $\frac{1}{2}$ | | SW | PM | do weather |
| 2 | 3 | 86-33 | | | | |
| 3 | 3 | 70-09 | | | | |
| 4 | 3 | 46-33 | | West | | 4 wind veering westerly |
| 5 | 3 | 2-09 | | | | |
| 6 | 3 | 45-33 | | | | 8 fresh breezes & passing clouds |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | 10 sea breaking from the NW |
| 10 | 4 | | | | | clouds breaking up in the north |
| 11 | 4 | | | | | with sharp lightning |
| 12 | 4 | | | | | midnight do weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Thurs ^{10th} day of April 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | NE | West | am | wind veering northward in Squab |
| 2 | 3 | | | | | off Rain & wind slowed light |
| 3 | 3 | | | | | Sails |
| 4 | 3 | | NE | NE | | |
| 5 | 3 | | | | | 4 light northerly winds and |
| 6 | 3 | | | | | and passing clouds |
| 7 | 3 | | | | | |
| 8 | 3 | | NE | North | | 8 wind veering to the NE Tacked |
| 9 | 3 | | | | | Ship to the westward |
| 10 | 3 | | | | | |
| 11 | 2 | | NE | NE | | noon light variable winds and |
| 12 | 1 | | | | | Calms late Bay obs 27 42 |
| 1 | 1 | | | | | long in 73 55 |
| 2 | 2 | | | | PM | fresh breezes and fine |
| 3 | 2 | | | | | |
| 4 | 2 | | ESE | | | |
| 5 | 2 | | | | | 4 calm and light variable wind |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | midnight do weather |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
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JOURNAL from

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Thurs ^{11th} day of April 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | NE | SW | AM | light variable winds and |
| 2 | 3 | | | | | fine weather |
| 3 | 3 | | | | | Wind veering & westerly |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 3 | | WNW | | | 8 fresh W & West winds and |
| 7 | 3 | | | | | passing clouds |
| 8 | 4 | | SW by S | W | | noon do weather late Bay obs 28 39 |
| 9 | 4 | | | E | | long in 73 30 |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | 10 m | fresh breezes veering westerly |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | NE & E | North | | 4 more moderate |
| 4 | 8 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | 8 do weather |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | do weather |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat ^{12th} day of April 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | NE & E | North | am | light northerly winds and |
| 2 | 4 | | | | | fine |
| 3 | 4 | | | | | |
| 4 | 4 | | ENE | | | 6 wind veering easterly Tacked |
| 5 | 4 | | | | | Ship to the NW |
| 6 | 4 | | E by N | NE | | |
| 7 | 4 | | | | | |
| 8 | 3 | | NE | NE | | noon light S & E winds and |
| 9 | 3 | | | | | fine late Bay obs 29 54 |
| 10 | 3 | | N by W | East | | long in 72 10 |
| 11 | 3 | | | | | |
| 12 | 3 | | | | PM | do weather |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | 8 wind veering to the ENE |
| 7 | 3 | | | | | Tacked Ship to the NW |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | midnight do |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
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JOURNAL from

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of | 1884 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | 4 | | North | SE | Am | Light SE winds and fine | 13 |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | SE | | | |
| 7 | 4 | | | | | 8 wind veering to the SW | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | noon fresh SE winds and passing clouds | |
| 12 | 4 | | | | | halt by obs 32 00 | |
| 1 | 4 | | | | | long sun 72 30 | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | PM Strong winds and clear | |
| 5 | 4 | | | | | single reefed ship and | |
| 6 | 4 | | | | | stowed light sails | |
| 7 | 4 | | | NW | | wind veering westerly | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | North | | midnight fresh north winds | |
| 10 | 4 | | | | | and fine | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of | 1884 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | 4 | | | | | am Wind veering to the ESE | 18 |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | Wind veering SE | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | noon light SE winds and fine with westerly | |
| 10 | 4 | | | | | halt by obs 32 00 | |
| 11 | 4 | | | | | long sun 72 40 | |
| 12 | 4 | | | | | PM Light winds and fine | |
| 1 | 4 | | | | | | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | midnight do | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of | 1884 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | 3 | | N/BR | SE | Am | fresh breezes and passing squalls | 18 |
| 2 | 3 | | | | | | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | | |
| 5 | 3 | | | SE | | 8 wind veering to the SW | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | noon fresh SW winds and passing clouds | |
| 8 | 3 | | | | | halt by obs 34 50 | |
| 9 | 3 | | | | | long 93 10 | |
| 10 | 3 | | | | | PM do weather | |
| 11 | 3 | | | | | | |
| 12 | 3 | | | | | | |
| 1 | 3 | | N/BR | WSE | | | |
| 2 | 3 | | | | | | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | | |
| 5 | 3 | | | | | | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | midnight wind veering westerly | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 3 | | | | | | |
| 11 | 3 | | | | | | |
| 12 | 3 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of | 1883 |
|----|----|------------------|----------|--------|---------|-----------------------------|------|
| 1 | 9 | | N/BR | WSE | | fresh breezes and fine | 18 |
| 2 | 9 | | | | | | |
| 3 | 10 | | | | | | |
| 4 | 10 | | | | | 4 Cloudy with sharp light | |
| 5 | 10 | | | | | around the horizon | |
| 6 | 10 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | West | | noon by squalls with high | |
| 9 | 3 | | | | | rain sun obscure no obs | |
| 10 | 3 | | | | | halt by obs 37 20 long 141 | |
| 11 | 3 | | | | | | |
| 12 | 4 | | | | | PM fresh westerly winds and | |
| 1 | 4 | | | | | passing clouds | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | do weather | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | midnight do weather | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, ^{15th} day of April 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | h b c | h n w | am | Fresh W & W winds and fine |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 6 | | | | | 8 Sounded in 30 fathoms of water |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | noon do weather |
| 11 | 6 | | | | | Late By ss 3854 |
| 12 | 6 | | | | | Separated in 25 fathoms of water |
| 1 | 6 | | | h n w | P M | Fresh Breeze and. Passing Cloud |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | at 8 made Barnagat Bearing |
| 7 | 4 | | | | | h n w Dist 20 miles |
| 8 | 6 | | | | | |
| 9 | 5 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | Midnight do weather |
| 12 | 5 | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, May 19 day of April 184 |
|----|----|------------------|----------|--------|---------|----------------------------------|
| 1 | 6 | | NBE | W | Am | Fresh in winds and fine |
| 2 | 6 | | | | | clear weather |
| 3 | 6 | | | | | made the high sand pits |
| 4 | 6 | | | | | Bearing NW 3/4 N |
| 5 | 6 | | | | | W do weather |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
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| 4 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|-----------------|----------------------|--------|---------|-------------------------------------|--------|----|
| 1 | | | Sat 19 th | | | of April | | |
| 2 | | | | | | Throughout this day fresh | | |
| 3 | | | | | | W. Breeze and Cloudy | | |
| 4 | | | | | | Discharged the crew | | |
| 5 | | | | | | No cargo this day | | |
| 6 | | | | | | | | |
| 7 | | | | | | Sunday April 20 th 1884 | | |
| 8 | | | | | | Throughout this day fine | | |
| 9 | | | | | | Clear weather wind N.E. | | |
| 10 | | | | | | | | |
| 11 | | | | | | Mon, 21 st of April 1884 | | |
| 12 | | | | | | Throughout this day fresh N.E. | | |
| 1 | | | | | | Winds and Breeze Clouds | | |
| 2 | | | | | | Discharged no cargo this day | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
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| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
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[illegible]

JOURNAL from *New York* towards *Seattle*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Third</i> day of <i>May</i> | 18 <i>77</i> |
|----|----|------------------|----------|--------|---------|---|--------------|
| 1 | | | | | | | |
| 2 | | | | | | Throughout this day Fresh SE | |
| 3 | | | | | | Winds & Rainy weather | |
| 4 | | | | | | | |
| 5 | | | | | | I am Crew came on Board | |
| 6 | | | | | | and went on Duty | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | noon more clearing weather | |
| 12 | | | | | | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | 6 P M Towed out of Dock | |
| 5 | | | | | | and Came to anchor on | |
| 6 | | | | | | jersey Mats | |
| 7 | | | | | | all Ready for Sea | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
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| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Free 9 day of</i> | 18 <i>84</i> |
|----|----|------------------|----------|--------|---------|--|--------------|
| 1 | | | | | | <i>am Light S E winds and foggy weather</i> | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | <i>Crew variously employed</i> | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | <i>noon do weather</i> | |
| 12 | | | | | | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | <i>moderate light variable winds and squally</i> | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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JOURNAL from *New York* towards *St. Albans River*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, |
|----|----|-----------------|----------|--------|---------|--------------------------------|
| | | | | | | Sat 10 day of May 1884 |
| 1 | | | | | | am light variable winds |
| 2 | | | | | | and Squally weather |
| 3 | | | | | | |
| 4 | | | | | | 4 30 Wind veering to the N.W. |
| 5 | | | | | | got under way and proceeded |
| 6 | | | | | | to sea |
| 7 | | | | | | 8 30 Passed out By Sandy Hook |
| 8 | | | | | | 10 Strong N.W. winds and |
| 9 | | | | | | Clear weather |
| 10 | | | | | | |
| 11 | | | | | | P.M. no weather |
| 12 | | | | | | hoisted light sails |
| 1 | | | | | | B's abreast Bore N.W. & W |
| 2 | | | | | | Giv 5 miles |
| 3 | | | S.S.W. | | | more moderate set light |
| 4 | 6 | | | | | sails |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | 8 wind veering to the N.E. & W |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 4 | | South | | | Midnight - no weather |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | Day of Week. | Date. |
|----|----|------------------|----------|--------|---------|----------------------------------|--------------|-------|
| 1 | 5 | | SS E | S N | | Am light S W Winds and fine | Sunday | 18 84 |
| 2 | 5 | | | | | | | |
| 3 | 5 | | | | | | | |
| 4 | 5 | | | | | 4 Cloudy with light Rain | | |
| 5 | 5 | | | | | do do weather | | |
| 6 | 5 | | | | | | | |
| 7 | 5 | | | | | | | |
| 8 | 5 | | SB E | | | Noon do weather | | |
| 9 | 5 | | | | | halt Bay of 37 32 being in 73 34 | | |
| 10 | 5 | | | | | | | |
| 11 | 5 | | | | | | | |
| 12 | 5 | | | | | PM | | |
| 1 | | | | | | | | |
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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towards

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
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[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
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towards

towards

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
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[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of |
|----|----|------------------|----------|--------|---------|----------|--------|
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[illegible]

JOURNAL from towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
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JOURNAL from *Patella Bluff* towards *Green Bay*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 84 |
|----|----|------------------|----------|--------|---------|---------------------------|--------|-------|
| 1 | | | | | | Throughout this day fresh | | |
| 2 | | | | | | NE winds and fine | | |
| 3 | | | | | | at 9:30 am Cast off from | | |
| 4 | | | | | | our moorings and | | |
| 5 | | | | | | proceed down the River | | |
| 6 | | | | | | in bow of steamer Inca | | |
| 7 | | | | | | one seaman came on | | |
| 8 | | | | | | Board ship in drums | | |
| 9 | | | | | | at 2:30 Cast off from | | |
| 10 | | | | | | bug boat and came | | |
| 11 | | | | | | to anchor under the | | |
| 12 | | | | | | leaf of Fall Island | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
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| 12 | | | | | | | | |

Midnight do weather

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
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| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 84 |
|----|----|------------------|----------|--------|---------|-----------------------|--------|-------|
| 1 | | | | | | Throughout this day | | |
| 2 | | | | | | fresh SE winds and | | |
| 3 | | | | | | fine heavy sea on the | | |
| 4 | | | | | | Bar | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | heavy wind Bowed | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
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| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

Crew Variousley Implaced

Midnight do weather

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Satella Bluff* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>1st day of June</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | <i>first part of this day fresh breezes and wind NE</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>Still being wind bound</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>2nd day of June</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | <i>first part of this day fresh E & E winds and fine</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>Middle part light rain squalls and light variable winds</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>Still being wind bound</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|

JOURNAL from *Satella Bluff* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>3rd day of June</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | <i>am fresh S E winds and fine weather</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>3d got underway and proceed down the Sound</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>noon light S E winds and passing clouds</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>4th day of June</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | <i>am fresh S E winds and passing clouds</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>throught the day no weather</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | <i>being waiting for a chance to get anchor</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|---------|

JOURNAL from 1911 to 1912 towards 1913

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Wind, day of | 18 |
|----|----|------------------|----------|--------|---------|----------------------------------|----|
| 1 | 7 | | NE | SE | | am fresh Breezes and fine | 84 |
| 2 | 7 | | | | | | |
| 3 | 7 | | | | | | |
| 4 | 7 | | | | | | |
| 5 | 7 | | | | | | |
| 6 | 7 | | | | | | |
| 7 | 7 | | | | | S Squally | |
| 8 | 7 | | | | | | |
| 9 | 7 | | | | | | |
| 10 | 7 | | | | | | |
| 11 | 7 | | | | | Noon do Weather | |
| 12 | 7 | | | | | | |
| 1 | 5 | | NE | | | Lat By obs 35 25 | |
| 2 | 5 | | | | | Long 74 41 | |
| 3 | 5 | | | | | PM Light Winds and Squally | |
| 4 | 5 | | | | | | |
| 5 | 5 | | | | | | |
| 6 | 4 | | | | | S Fresh Breezes & Passing Clouds | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | North | | | | |
| 11 | 4 | | | | | Midnight Wind Veering | |
| 12 | 4 | | | | | to E & W | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Spurr</i> day of <i>June</i> | 18 <i>84</i> |
|----|----|------------------|-------------|--------|---------|--|--------------|
| 1 | 4 | | N.W. | | | am Fresh S.W. winds and | |
| 2 | 4 | | | | | Passing Clouds | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | N moderate | |
| 5 | 4 | | N.W. | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | North South | | | Noon do weather | |
| 10 | 4 | | | | | Lat by obs 37 17 | |
| 11 | 4 | | | | | Long by 94 12 | |
| 12 | 4 | | | | | | |
| 1 | 4 | | | | | P.M. do weather | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | Midnight do weather | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |

[illegible]

JOURNAL from *Patika B. B. B.* towards *W. H. B.*

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, |
|----|----|--------|----------|--------|---------|---|
| 1 | 4 | | ABE | South | | am light winds and fine |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | Noon Hazy weather |
| 11 | 4 | | | | | Lat By obs 38 50 |
| 12 | 3 | | | | | Sounded in 28 fathoms |
| 1 | 2 | | north | | | PM Calm |
| 2 | 1 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | 2 Wind Breezing from the NE and Shifting in foggy |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 3 | | SE | ENE | | 4 Strong Breezes and foggy |
| 8 | 3 | | | | | Staged Sheet Sails |
| 9 | 3 | | | | | 6 Stowed Flying jib and |
| 10 | 3 | | | | | Purple Reefed Jib Sounded |
| 11 | 3 | | | | | in 4 fathoms were ship to the SE |
| 12 | 3 | | | | | Mednight Strong winds and stormy |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, ^{on} 14 th day of June 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | SE | ENE | Am | Strong winds and Stormy |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | have do weather |
| 11 | 2 | | | | | Latt dr 39 05 long in 73 84 |
| 12 | 2 | | | | | sounded in 30 fathoms of water |
| 1 | 3 | | | | 10 m | Strong NE Winds and Stormy |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | N/3W | E | | |
| 5 | 3 | | | | | 4 more Sheel to the northward |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | Midnight more Clearing Weather |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

[illegible]

JOURNAL from

towards

Sattola Bluff towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 15 day of June 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | NE | NE | Am | Strong winds and hazy weather |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | SE | | | made absecom by the Bearing NW wore ship to the SE |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | Lat at noon 39 02 |
| 2 | 2 | | | | | Long in 74 05 |
| 3 | 2 | | | | | do weather |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | midnight more moderate |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Mon 16 day of June 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | SE | NE | Am | fresh Breezes and fine |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | | | | | | Moderate & sea going Down |
| 2 | | | | | | made all sail & Tacked ship to the W ward |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Left at noon 38 48 |
| 2 | | | | | | Sounded in 27 fathoms |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from In

towards

Port of New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 15 day of November 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Compes |
| 2 | | | | | | Begin with light wind from S.W. |
| 3 | | | | | | Painted vessel and Lanchester lug Boat |
| 4 | | | | | | put vessel to Pier 11. East River |
| 5 | | | | | | 1:30 P.M. commenced to load for |
| 6 | | | | | | Demerare 7 P.M. clear weather light in |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 18 day of November 1884 |
|----|----|------------------|----------|--------|---------|---------------------------------------|
| 1 | | | | | | Begin with cloudy weather wind N.E. |
| 2 | | | | | | fresh breeze finished loading at 2:30 |
| 3 | | | | | | P.M. secured Deck load reed |
| 4 | | | | | | Provisions & Coal |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from New York towards Demerara

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 21 st day of November 1884 |
|----|----|--------|----------|--------|---------|--|
| 1 | 1 | | E. S. E | NW | | Begin with clear weather fresh breeze all sail set |
| 2 | | | | | | 3 P.M. High lands of Navesink near West 1/2 mile from which a departure is taken |
| 3 | | | | | | |
| 4 | 6 | 2 | | | | |
| 5 | 6 | 2 | | | | |
| 6 | 6 | 2 | | | | |
| 7 | 6 | 2 | | | | |
| 8 | 7 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | N | | |
| 11 | 8 | | | | | |
| 12 | 7 | | | | | Mid night clear |
| 1 | 7 | | | | | |
| 2 | 7 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | SE by E | N | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | 10 A.M. passed a vessel steering W S W. Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 89° 2' | 124° 5' | 89° 44' | 89° 38' | 9' | 254' | 69° 29' | 71° 08' |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 22 nd day of November 1884 |
|----|----|--------|----------|--------|---------|--|
| 1 | 4 | | SE by S | NW | | Begin with light baffling from WNW to N E |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | SE | NW | | |
| 12 | 3 | | | | | Mid night clear weather |
| 1 | 3 | | SE by S | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | SE by S | NE | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | Latter part of day light air |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 48" | 48" | 88° 42' | 88° 32' | 10" | 68" | 68° 22' | 69° 45' |

JOURNAL from New York towards Demerara

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 23 rd day of November 1884 |
|----|----|--------|----------|---------|---------|---|
| 1 | 1 | | SE by S | NE | | Begin with light air and clear weather |
| 2 | | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | S | | | airing up a little |
| 5 | 2 | | | | | |
| 6 | 3 | | SE by S | East | | |
| 7 | 5 | | | | | |
| 8 | 6 | | SE E | E by S | 1/2 | Strong breeze |
| 9 | 7 | | | | | |
| 10 | 6 | | | | | |
| 11 | 4 | | SW | S by E | | 11 A.M. furled fore topsails and outer jib. Wind increasing and a heavy sea running |
| 12 | 4 | | E by S | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | 8 A.M. a heavy rain squall |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 4 | | E | SE by S | 1 | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | E by S | S by E | 1 | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Pumps attended. furled flying jib wind blowing heavy |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 80" | 85° 1' | 38° 22" | 38° 12" | 10' | 71" | 67° 11" | 68° 18" |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 24 th day of November 1884 |
|----|----|--------|----------|--------|---------|--|
| 1 | 4 | | SE E | S by E | 1 | Begin with light wind fair weather 2 P.M. put two Reefs in |
| 2 | 4 | | | | | Shaker 1 Reef in main |
| 3 | 4 | | | | | |
| 4 | 3 | | | | 2 | |
| 5 | 3 | | | | | 6 P.M. put two Reefs in main sail |
| 6 | 3 | | | | | in fore sail furled jib |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | SE | SSW | 3 | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Mid night furled fore sail & heavy sea running and a heavy sea blowing |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 2 | | | | 8 | |
| 4 | 2 | | SE by S | | | 4 A.M. furled fore stay sail vessel |
| 5 | 2 | | | | | have two under two Reefs main sail & shaker |
| 6 | 2 | | | | | |
| 7 | 2 | | | | 3/2 | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 21 34" | 60° 5' | 38° 05" | 0 | 6" | 81" | 66° 10" | |

JOURNAL from New York towards Demerara

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 25 th day of November 1854 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | SE by S | NW | | Begin with strong and canting wind |
| 2 | 4 | | | | | Westward so to NW |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | 4 P.M. vessel on her course set |
| 5 | 8 | | | | | single Reefed fore sail & jib |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 9 | | | | | |
| 10 | 9 | | | | | |
| 11 | 9 | | | | | |
| 12 | 9 | | SE | | | Midnight cloudy with fine rain squalls |
| 1 | 9 | | | NW | | |
| 2 | 9 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 7 | | | | | 6 A.M. turned Reefs out of fore & main |
| 7 | 7 | | | | | sails & set them |
| 8 | 7 | | | | | 8 A.M. set flying jib fore & main. kept |
| 9 | 7 | | | | | top sails |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | Pumps attended |
| 12 | 7 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 144" 8' | 93" 9' | 36° 49' | 37° 29' | 6' | 110" | 66 29 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 26 th day of November 1854 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | SE by S | NW | | Begin with light wind cloudy sky |
| 2 | 8 | | | | | 2 P.M. set single Reefed Spanker |
| 3 | 8 | | | | | |
| 4 | 2 | | | | | Wind light and heavy sea running |
| 5 | 2 | | | | | hauled fore & main, hauled |
| 6 | 2 | | | | | down Spanker & clewed up fore & |
| 7 | 2 | | | | | main & top sail |
| 8 | 2 | | | | | |
| 9 | 8 | | | W | | |
| 10 | 8 | | | | | |
| 11 | 4 | | | SEW | | 11 P.M. wind airing up set all |
| 12 | 3 | | | | | sail |
| 1 | 8 | | | | | |
| 2 | 4 | | | | | |
| 3 | 8 | | SE | SEW | 2 | 4 A.M. wind came to haul |
| 4 | 4 | | | | | |
| 5 | 8 | | SE | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | SESE | S | | |
| 8 | 5 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 40" 2' | 62" 5' | 36° 49' | 36° 59' | 12' | 71" | 66 00" | |

JOURNAL from New York towards Demerara

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 27 th day of November 1854 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | SE | SEW | 1 | Begin with strong breeze and heavy |
| 2 | | | | | | sea squally sea increasing |
| 3 | | | | | | Reefed Spanker single Reefed main |
| 4 | | | | | | sail & jib flying jib |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | SE by S | SEW | | |
| 8 | | | | | | 8 P.M. furlled jib single Reefed |
| 9 | | | SE | SW | | fore sail wind canting to SW & |
| 10 | | | | | | blowing strong breeze |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | 4 A.M. wind moderating sea |
| 5 | | | | | | smoothing set jib |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | NW | | | 4 A.M. sea going down set all |
| 10 | | | | | | sail & strong breeze from NW |
| 11 | | | | | | |
| 12 | | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 62" 5' | 69" 7' | 35° 56' | 35° 54' | 2' | 86" | 60 89 | 61 18 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 28 th day of November 1854 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | SE | WNW | | Begin with moderate wind and |
| 2 | 4 | | | | | light weather with a rough sea |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | SE | | | |
| 7 | 4 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | SE | | | 8 P.M. wind light vessel slatting |
| 10 | 2 | | | | | heavy look in light sails hauled |
| 11 | 2 | | | | | down Spanker |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | 8 A.M. wind airing up set fore top |
| 4 | 2 | | | | | sails |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 3 | | S | WSW | | 8.30 A.M. wind airing up fresh |
| 10 | 3 | | | | | set all sail |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 41" 7' | 43" 3' | 35° 14' | 35° 06" | 12' | 64" | 59 07" | |

JOURNAL from New York towards Demerara

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 2 nd day of November 1884 |
|----|----|--------|----------|--------|---------|---|
| 1 | 8 | | SE | S.S.W | 1 | Begin with light wind and cloudy sky |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | ESE | S | | wind freshening furled outer jib |
| 6 | 8 | | | | | |
| 7 | 8 | | E | SE | 1 | See rough |
| 8 | 8 | | | | | |
| 9 | 4 | | SE | E | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | furled fore & main sails |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 8 | | SE | E | 1 | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | SE | | | 5 PM. furled mizen & top sail |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | SE | E | 1 | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 5" 4' | 80" | 85° 00' | 84° 53' | 17' | 98 | 88° 01' | 88° 18' |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 3 rd day of November 1884 |
|----|----|--------|----------|--------|---------|---|
| 1 | 4 | | SE | E | 1 | Begin with strong breeze and squally weather |
| 2 | 4 | | | | | put one reef in spanker furled jib |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | 6 PM. sighted a Bark steering ESE. |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | SE | SW | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight squally |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | SW | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | 3 AM. sea going down & all sail |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 4 | | SE | SW | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 89° 5' | 72" | 34° 13' | 34° 11' | 14' | 88" | 34° 38' | 37° 30' |

JOURNAL from New York towards Demerara

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 7 th day of December 1884. |
|----|----|--------|----------|--------|---------|--|
| 1 | 4 | | SE | E | | Begin with clear weather and moderate breeze |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | SE | SW | | |
| 7 | 4 | | | | | |
| 8 | 4 | | SE | E | | |
| 9 | 4 | | | | | fine weather light wind |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | SE | E | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | SE | E | | Along sea coming from N.W. |
| 6 | 8 | | | | | fine weather fresh breeze |
| 7 | 8 | | | | | |
| 8 | 8 | | SE | SW | | |
| 9 | 8 | | | | | |
| 10 | 8 | | SE | E | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 61" 5' | 91" 8' | 88° 10' | 88° 88" | 14' 15" | 110" | 84° 43" | |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks, 2 nd day of December 1884 |
|----|----|--------|----------|--------|---------|---|
| 1 | 8 | | SE | E | | Begin with fresh breeze and clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | SE | SW | | strong breeze squally weather |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight squally |
| 1 | 8 | | | | | |
| 2 | 8 | | SE | SW | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | SE | E | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 4 | | SE | SW | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 71° 2' | 94° 1' | 82° 27' | 82° 46' | 14° 45" | 115" | 82° 50" | |

JOURNAL from New York towards Demerara

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 3 rd day of December 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 3 | | SSW | SW | | Begin with light wind clear weather |
| 2 | 3 | | | | | |
| 3 | 2 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 0 | | | | | Calm. |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 1 | | SSW | SE | | Wind arising up from SE shifted sail on starboard side |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | light air clear weather |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 38' 7" | 2" 5" | 82° 04' | 81° 58' | 15" | 26" | 82° 34' | 82° 18' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 4 th day of December 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | SWW | SE | | Begin with cloudy weather light wind |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | SWW | S | | fresh breeze clear weather |
| 8 | 2 | | | | | |
| 9 | 2 | | WSW | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | WSW | SSW | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | 2 A.M. tacked ship to Eastward |
| 4 | 2 | | SEW | SWW | | |
| 5 | 2 | | SEW | SSW | | |
| 6 | 2 | | SEW | SSW | | |
| 7 | 2 | | SEW | S | | |
| 8 | 2 | | SEW | S | | 8 A.M. tacked ship to Westward |
| 9 | 2 | | SEW | SEW | | |
| 10 | 2 | | SEW | SEW | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 31" | 20" | 81° 04' | 81° 19' | 14' | 24" | 81° 17' | |

JOURNAL from New York towards Demerara

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 5 th day of December 1884 |
|----|----|------------------|------------|--------|---------|---|
| 1 | 0 | | 00 | 00 | | Begin with light baffling air from SE & W. tacked ship with all sails hauled down & kept from setting |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | clear & calm |
| 1 | 0 | | | | | |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | South East | | | light air set all sail |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 107" | 07" | 81° 15' | 81° 14' | 14' | 20" | 81° 16' | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 6 th day of December 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | S | E | | Begin with light wind clear sky wind a little more heavy |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | SE | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | Midnight clear |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | fresh breeze |
| 10 | 2 | | | | | |
| 11 | 2 | | | East | | |
| 12 | 2 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 73" | 10' 9" | 80° 12' | 80° 12' | 14' 15" | 18" | 80° 03' | |

JOURNAL from *New York* towards *Demerara*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 7 th day of December 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | | E | | Begin with fresh breeze clear weather |
| 2 | 4 | | S by W | | | come into the trade winds strong breeze |
| 3 | 5 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | S by W | | | Strong breeze squally |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | S by W | | | |
| 8 | 6 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | Strong breeze & squally |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 12° 56' | 02" | 28° 02' | 27° 47' | 12" | 04" | 52° 58' | 52° 23' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 8 th day of December 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 8 | | S by W | ESE | | Begin with strong breeze clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 9 | | | | | |
| 6 | 10 | | | | | |
| 7 | 10 | | | | | |
| 8 | 10 | | | | | |
| 9 | 9 | | | | | |
| 10 | 9 | | | ESE | | |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | |
| 1 | 8 | | | | | Midnight clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | ESE | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | |
| 10 | 9 | | | | | Squally |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | Pumps attended |

| of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 13" | 21" | 24° 08' | 24° 23' | 11° 40' | 24" | 52° 23' | 52° 02' |

JOURNAL from *New York* towards *Demerara*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 9 th day of December 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 7 | 2 | S by W | East | | Begin with fresh breeze clear weather |
| 2 | 7 | 2 | | | | |
| 3 | 7 | 2 | | | | |
| 4 | 7 | 2 | | | | |
| 5 | 7 | 2 | | | | |
| 6 | 7 | 2 | | | | |
| 7 | 7 | 2 | | | | |
| 8 | 7 | 2 | | | | |
| 9 | 7 | 2 | | | | Squally |
| 10 | 7 | 2 | | | | |
| 11 | 7 | 2 | | | | |
| 12 | 7 | 2 | | | | Midnight squally |
| 1 | 7 | 2 | | | | |
| 2 | 7 | 2 | | | | |
| 3 | 7 | 2 | | | | |
| 4 | 7 | 2 | ESE | ESE | | |
| 5 | 7 | 2 | | | | |
| 6 | 7 | 2 | | | | |
| 7 | 7 | 2 | | | | |
| 8 | 7 | 2 | | | | |
| 9 | 7 | 2 | | | | |
| 10 | 7 | 2 | | | | |
| 11 | 7 | 2 | | | | |
| 12 | 7 | 2 | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 11° 56' | 36" 1' | 21° 26' | 21° 32' | 8' 00" | 38" | 54° 01' | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 10 th day of December 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 6 | | S by W | ESE | | Begin with strong breeze and squally weather |
| 2 | 6 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | S by W | SE | | Wind baffling a point or so |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 7 | | S by W | ESE | | |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | heavy rain squalls |
| 5 | 7 | | | | | |
| 6 | 6 | | S by W | SE | | Wind from ESE to SSE |
| 7 | 6 | | | | | |
| 8 | 6 | | S by W | ESE | | |
| 9 | 6 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | Strong Gale Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 13° 00' | 26" | 19° 16' | 19° 32' | 6' 00" | 24" | 54° 28' | 54° 33' |

JOURNAL from *New York* towards *Demerara*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, // day of December 1854 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 8 | | S. | ESE | | Begin with squally weather and rough sea |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | hauled down light sails |
| 5 | 8 | | | | | rest them after squall passed |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight clear weather strong breeze |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | Strong Breeze clear weather |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Run up attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 165" | 16" | 16° 47' | 16° 54' | 8° 45' | 13' | 82° 50' | 85° 18' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, // day of December 1854 |
|----|----|------------------|----------|--------|---------|--------------------------------------|
| 1 | 8 | | S | ESE | | Begin with strong wind clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight clear weather |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | E by S | E by S | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | fresh breeze clear weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 188° 8' | 29" | 18° 46' | 18° 42' | 2° 15' | 09" | 85° 02' | 85° 22' |

JOURNAL from *New York* towards *Demerara*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, // day of December 1854 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 8 | | S | NE | | Begin with light fresh breeze and clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight clear weather fresh breeze |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Run up attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 159" | 02" | 11° 19' | 11° 03' | 1° 15' | 23" | 85° 05' | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, // day of December 1854 |
|----|----|------------------|------------|------------|---------|--|
| 1 | 8 | | S by W 2 W | N by E 2 E | | Begin with gentle breeze and clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight clear weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 24° 1' | 28" | 9° 28' | 9° 20' | | 25" | 85° 01' | |

towards Demerara

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 6° 5' 31" | 39' 6" | 6° 5' 8" | 00 | 2° 1' 40" | 31" | 66° 51" | |

towards Demerara

[illegible]

JOURNAL from In Port of towards Demerara

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 26 day of December 1884 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Begin with strong breeze from N.E. and rain 7 P.M. Boat washed ready & cargo tied up Bob Slays and bowsprit & grounds |
| 2 | | | | | | 7:30 A.M. wind light and rain |
| 3 | | | | | | 11:30 wind increasing good under way and shifted up to top |
| 4 | | | | | | Made fast to the wharf at 8 P.M. raining 8 P.M. calm and no rain |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Saturday 27 Begin with N.E. wind and rain 1 P.M. commenced work on cargo worked two hours two much rain so stopped work on cargo |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | Sunday 28 Begin with N.E. wind and rain so through out the day |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Monday 29 Begin with E.N.E. wind some rain no rain at 2 P.M. finished discharging cargo and shifted berths to load rice from ship Ellenshaw. |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 30 day of December 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | Begin with light wind from East with rain showers commenced loading Rice at 9 A.M. took in 18 1/2 Bags & day from Ship Ellenshaw |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | Wednesday 31 Begin with strong breeze from N.E. and rain loading Rice taken 8 1/2 Bags |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | Thursday Jan 1 1885 Begin with light air from N.E. and rain rain squalls through out the day |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | Friday Jan 2 Begin with fresh breeze from N.E. with an occasional shower loading & day took in 16 as Bags Rice |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | Saturday Jan 3 Begin with strong wind from N.E. with a rain squall first part finished loading at 11 A.M. with 47 as 18 as Rice taken on board and dropped vessel off the Fort at 12 noon ready for sea latter part of day rain vessel drawing 11 ft 6 in |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | | | | | | |

JOURNAL from In Demerara towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 1 day of January 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Begin with fresh breeze from N.E. some rain at 6 A.M. Pilot came on board got underway and proceeded to sea at 1:00 P.M. Pilot left the vessel in his boat |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Journal from Demerara towards Barbados

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 5 day of January 1885 |
|----|----|------------------|----------|-------------|---------|---|
| 1 | 8 | | N by E | E by N at 1 | | Begin with light wind and rain squalls |
| 2 | 8 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 8 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | | | | | | Midnight squally with a short heavy dew |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Pumps attended

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 60" | 02" | 8° 06' | 8° 06' | 1° 15' | 03" | 88° 01' | 88° 01' |

JOURNAL from Demerara towards Barbadoes

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--------------------------------------|
| 1 | 2 | | E 2 N | NNE | | Begin with light wind and smooth sea |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | N 2 W | NNE | | 6 P.M. tacked to Westward |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | N 2 W | NNE | | Wind baffling, heaving sea off |
| 1 | 3 | | E 2 S | NNE | | tacked to Eastward |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | N | ESE | | 6 P.M. tacked to Northward |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 30" 4' | 19" 9' | 8° 57' | 9° 27' | 00 | 20" | 57° 43' | 58° 51' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | N | ESE | 1 P.M. | Begin with moderate wind and rough sea clear weather |
| 2 | 3 | | | | | |
| 3 | 3 | | N 2 W | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | N 2 W | NNE | | 7 P.M. tacked to Eastward |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Midnight clear |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | N 2 E | ESE | 1 P.M. | 7 P.M. tacked to Northward |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 27" 9' | 22" 3' | 9° 57' | 10° 28' | 00 | 28" | 59° 16' | |

JOURNAL from Demerara towards Barbadoes

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | E 2 S | NNE | 1 P.M. | Begin with fresh breeze and smooth sea |
| 2 | 3 | | | | | 2 P. tacked to Eastward |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | ESE | N | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | E 2 N | NNE | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Wind light and baffling |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | ESE | N | | Midnight clear weather |
| 3 | 3 | | | | | |
| 4 | 3 | | NNE | N 2 W | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | E 2 S | NNE | 1 P.M. | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | NNE | N 2 W | | |
| 12 | 3 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 16" 0' | 27" | 10° 37' | 10° 28' | 00 | 28" | 58° 53' | 58° 05' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | NNE | N 2 W | | Begin with light wind and smooth sea clear weather |
| 2 | 3 | | | | | |
| 3 | 3 | | NNE | N 2 W | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | NNE | N 2 W | | Wind baffling |
| 10 | 3 | | | | | |
| 11 | 3 | | ESE | N | | |
| 12 | 3 | | | | | |
| 1 | 3 | | ESE | NNE | | |
| 2 | 3 | | ESE | NNE | | |
| 3 | 3 | | N 2 W | NNE | | 2 P.M. tacked to Northward |
| 4 | 3 | | | | | |
| 5 | 3 | | N 2 W | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | N 2 W | | | |
| 10 | 3 | | | | | Clear weather |
| 11 | 3 | | | | | |
| 12 | 3 | | N | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 6° 9' 6" | 22" 6' | 11° 22' | 10° 29' | | 28" | 58° 53' | 58° 05' |

JOURNAL from Barbados towards Manzanillo

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|------------|--------|---------|---|
| 1 | | | | | | Thursday 22 nd day of January 1885 |
| 2 | | | | | | Begins with fresh E & E by N clouds |
| 3 | | | | | | sky 4.30 P.M. sighted St. Domingo Island |
| 4 | | | | | | E & N. sighted Martinique |
| 5 | | | | | | E & N. sighted bears E by S 25 miles |
| 6 | | | | | | from which a departure is taken |
| 7 | | | | | | This day contains 12 hours to begin |
| 8 | | | | | | sea has ended at noon |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | 10 | | N by N N E | | | Strong breeze clear weather |
| 10 | 10 | | | | | |
| 11 | 10 | | | | | |
| 12 | 10 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 07" 8' | 89" 2' | 14' 22" | 14' 29" | 1' 30" | 41" | 62' 07" | 61' 41" |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 10 | | N by N | E N E | | Friday 23 rd day of January 1885 |
| 2 | 10 | | N by N | | | Begins with strong breeze and |
| 3 | 10 | | | | | clear weather |
| 4 | 10 | | | | | |
| 5 | 10 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | Midnight clear weather |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | | | |
| 9 | 9 | | | | | |
| 10 | 10 | | | | | |
| 11 | 10 | | | | | Strong gales |
| 12 | 10 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 41' 6" | 208' 9" | 15' 06" | 16' 00" | 1' 38" | 216" | 60' 49" | 60' 02" |

JOURNAL from Barbados towards Manzanillo

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | // | | W N W | E by N | | Saturday 24 th day of January 1885 |
| 2 | // | | | | | Begins with strong breeze and |
| 3 | // | | | | | clear weather |
| 4 | // | | | | | |
| 5 | // | | | | | |
| 6 | // | | | | | |
| 7 | // | | | | | |
| 8 | // | | | | | |
| 9 | // | | | | | |
| 10 | // | | | | | |
| 11 | // | | | | | |
| 12 | // | | | | | Midnight clear weather strong |
| 1 | // | | | | | breeze |
| 2 | // | | | | | |
| 3 | // | | | | | |
| 4 | // | | | | | |
| 5 | // | | | | | |
| 6 | // | | | | | |
| 7 | // | | | | | |
| 8 | // | | | | | |
| 9 | // | | | | | |
| 10 | // | | | | | |
| 11 | // | | | | | |
| 12 | // | | | | | clear weather strong breeze |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 101" | 248" | 16' 41" | 16' 25" | 00 | 208" | 69' 10" | 69' 12" |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 10 | 2 | N by N | E by N | | Sunday 25 th day of January 1885 |
| 2 | 10 | 2 | | | | Begins with clear weather and |
| 3 | 10 | 2 | | | | strong breeze |
| 4 | 10 | 2 | | | | |
| 5 | 10 | 2 | | | | |
| 6 | 10 | 2 | | | | |
| 7 | 10 | 2 | | | | |
| 8 | 10 | 2 | | | | |
| 9 | 10 | 2 | | | | cloudy sky and strong breeze |
| 10 | 10 | 2 | | | | |
| 11 | 10 | 2 | | | | |
| 12 | 10 | 2 | | | | Midnight squally weather |
| 1 | 10 | 2 | | | | |
| 2 | 10 | 2 | | | | |
| 3 | 10 | 2 | | | | |
| 4 | 10 | 2 | | | | |
| 5 | 10 | 2 | | | | |
| 6 | 10 | 2 | | | | |
| 7 | 10 | 2 | | | | |
| 8 | 10 | 2 | | | | |
| 9 | 10 | 2 | | | | 8 P.M. sighted the Eastern end |
| 10 | 10 | 2 | | | | of Domingo Island |
| 11 | 10 | 2 | | | | sighted three vessels steering to |
| 12 | 10 | 2 | | | | Westward clear weather |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 72' 6" | 289' 2" | 17' 30" | 17' 48" | 2' 30" | 202" | 73' 24" | 73' 01" |

towards Manzanillo

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 9 | | | | | Monday 21 st of January 1885 |
| 2 | 8 | | | | | Begins with fresh gale and |
| 3 | 6 | | | | | clear weather |
| 4 | 4 | | | | | resuming along the South side |
| 5 | 3 | | | | | of St. Domingo |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | S.P.M. made Western end of |
| 9 | 0 | | | | | the Island |
| 10 | 0 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | Midnight light air clear weather |
| 1 | 2 | | | | | |
| 2 | 3 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | Western end of St Domingo |
| 8 | 5 | | | | | about 20 miles N.E. |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | clear weather light wind |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 64' 5' | 71' 1' | 18° 47' | 18° 42' | 8' 00 | 75" | 75. 06 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| | 3 | | N N | N E | | Tuesday 2 day of January 1888 Begins with light air clear weather |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | light air and baffling from N.E. |
| 6 | 3 | | | | | to West & South by |
| 7 | 4 | | | | | brezing up a little |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | N by N | | | |
| 12 | 4 | | | | | Midnight light wind clear weather |
| 1 | 5 | | | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | fresh breeze |
| 8 | 6 | | | | | 8 A.M. Made the Eastern end of |
| 9 | 6 | | | | | Cuba |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | Sailing down the South side of |
| 12 | 6 | | | | | Cuba |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 66" | 88" | 19° 48' | 19° 30' | | 74" | 76° 40' | 76° 20' |

towards *Manganilla*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|-----------------|----------|--------|---------|--|
| 1 | 6 | | | E by S | | Wednesday 28 th of January 1885 Sailing with strong breeze and clear weather |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | Vessel running with Spanker Hoisted on Port side Main boom on Starboard |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | 11 P.M. Made Light on Cape Cruz beginning at 15 miles hove vessel too on Port Tack & wait for day |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | 6 A.M. filled vessel away and stood up for the Cape 7.30 A.M. look Pilot on board ran into Morganville Bay 11.0 A.M. wind and ahead anchored in 8 fathoms water 4 P.M. put under way with a light breeze from ESE and sailed at the 15000 lbs. & 15000 lbs. & 15000 lbs. |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|-----------------|-------------|------------|---------------|----------|-------------|
| | | 12" 9' | 64" 7' | 19° 46" 00' 00" | | 5' 00" | 83" | 3 32 29" | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | Day of January | 1880 |
|----|----|------------------|----------|--------|---------|--|----------------|------|
| 1 | | | | | | Begins with strong breeze from N. & cloudy weather 5 P.M. | Thursday | |
| 2 | | | | | | got under way and proceeded up. | | |
| 3 | | | | | | the 13 th 7 P.M. anchored 5 miles from Manzanilla wind light & baffling | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | Begins with fresh breeze from N & 5 A.M. wind light from North got underway and went to anchorage off Manzanilla anchored at 5:35 P.M. | Friday Jan 30 | |
| 11 | | | | | | Harbor Master boarded vessel Pilot left at 9 A.M. | | |
| 12 | | | | | | 9 P.M. wind N.W. moderate breeze | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Manzanillo towards Cape Cruise

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | Begin with light air from N.E. at 5 A.M. Pilot came on board wind arising up got underway and proceeded down the bay at 6.30 Anchored off S.E. fresh breeze from S.E. |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Monday 23. Feb |
| 11 | | | | | | Begin with strong breeze from S.E. at 6 A.M. |
| 12 | | | | | | Pilot left at 10 A.M. got under way from S.E. and proceeded S. by this day containing 12 hours and under 20 noon to begin sea time. |
| 1 | | | | | | 12 noon Cape Cruz bears E by N 15 miles from which departure is taken |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | West | N.E. | | Begin with light wind and clear sky |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 4 | | | | | 7 P.M. wind breezed up |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 7 | | | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | Midnight strong breeze & rough sea vessel shipping large quantity of water |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | clear weather strong breeze |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 80" 5' | 136" 8' | 20' 16" | 20' 16" | 8.4' 00" | 140" | 80' 26" | 80' 89" |

JOURNAL from Manzanillo towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 7 | | W.N.W. | N.E. | | Begin with fresh breeze and clear weather |
| 2 | 7 | | | | | 3 P.M. wind moderating and coming Easterly |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 7 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 51' 1" | 118' 8" | 21' 07" | 20' 55" | E 6' 00" | 126" | 82' 45" | 82' 25" |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 5 | | N.N. | E.S.E. | | Begin with moderate breeze and clear weather |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 47' 9" | 70' 6" | 21' 48" | 21' 21" | E 6' 00" | 88" | 80' 42" | 80' 11" |

JOURNAL from Manzanillo towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | West | ESE | | Friday 3 rd day of February 1855 Begin with light air from East and clear weather |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | SE | | light air |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | East | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | sighted a Bark steering S.W. |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | NE | | |
| 11 | 1 | | | | | Pumps attended |
| 12 | 1 | | | | | 7 th day out |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 22" | 20" | 21°25' | 21°28' | 6' 00" | 26" | 88°51' | 88°21' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | NW | North | | Saturday 4 th day of February 1855 Begin with light baffling wind |
| 2 | 2 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 3 | | | | | |
| 6 | 4 | | | | | 5 P.M. squally from Northward |
| 7 | 4 | | | | | furled main & mizzen foremast & stay sails |
| 8 | 6 | | | | | for main & aft sails and outer jib |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | NW | NE | | Midnight clear |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | 1:30 A.M. Made light on Cape San Antonio bearing S.W. by W 4 miles |
| 4 | 6 | | | | | set fore & main & aft top sails |
| 5 | 6 | | | | | 3 P.M. hauled to Northward |
| 6 | 6 | | | | | around the Cape |
| 7 | 6 | | | | | |
| 8 | 3 | | | | | lost sight of light at 8 A.M. |
| 9 | 3 | | | | | strong breeze clear weather and |
| 10 | 5 | | NW | ENE | | short head sea |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | Pumps attended 5 th day out |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 80' 0" | 60' 4" | 22° 43' | 22° 29' | 6 1/4' | 68" | 84° 41' | 88° 02' |

JOURNAL from Manzanillo towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|---------|---------|---|
| 1 | 4 | | North | NE by E | 1/2 | Sunday 5 th day of March 1855 Begin with light wind clear weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 8 | | NE | E by S | 1 | Midnight clear |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| | | | | | | Pumps attended 6 th day out |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 78' 6" | 26' 0" | 23° 59' | 23° 26' | 6 1/2' | 88" | 84° 41' | 84° 33' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|---------|---------|---|
| 1 | 8 | | E by N | S by E | 1/2 | Monday 6 th day of March 1855 Begin with light wind and clear weather |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | SSW | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 6 | | | NW | | Midnight over cast and squally |
| 2 | 6 | | | | | |
| 3 | 7 | | ENE | NW | | |
| 4 | 7 | | | | | |
| 5 | 6 | | | | | squally from NW |
| 6 | 6 | | | | | furled spanker & Starboard |
| 7 | 6 | | | | | |
| 8 | 6 | | | North | | |
| 9 | 4 | 2 | E by N | NE by N | | |
| 10 | 4 | 2 | | | | |
| 11 | 4 | 2 | | | | |
| 12 | 4 | 2 | | | | |
| | | | | | | Weighted Table Land of Manil |
| | | | | | | Pumps attended 7 th day out |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 10" | 107" | 28° 16' | 28° 26' | 6 1/4' | 117" | 82° 14' | 82° 33' |

JOURNAL from Manzanillo towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | E by N | N E | 12 | Wednesday day of March 1885 Begins with fresh breeze and short heavy sea Vessel shipping considerable water running along the north side of Cuba 6 P.M. made the Run of Matanzas Wind increasing sea making furl led top sails & outer jib kept topsail sheet all parting 10:30 A.M. tacked to northward 2 A.M. set light sails |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 52" 9" | 35" 2" | 24° 29' | 24° 31' | E 84' | 54" | 81° 25" | 81° 06' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | S by E | E S E | | Wednesday day of March 1885 Begins with fresh breeze and clear weather tacked to southward 4 P.M. tacked to northward 7 P.M. made Oligator Reef Light bearing N E 15 miles 8 P.M. bears N W by N 9:30 tacked to southward 1 A.M. tacked to northward Sank Oligator Reef Light at 2:10 A.M. 4 A.M. made Carysfort Reef Light bearing N by W 14 miles 7 A.M. Light House bore W S W 8 miles light wind clear weather Pump attended 9 days out |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | N E by N | E | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 60" 4' | 58" 8' | 25° 41' | 25° 43' | 2 1/2° | 59" | 79° 07' | 79° 38' |

JOURNAL from Manzanillo towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 6 | | N by E | S E | | Thursday day of March 1885 Begins with fresh breeze and cloudy weather 8 P.M. made Jupiter Inlet Light bearing N W by W 13 miles 10:10 Light bore W S 20 miles wind canting jibed sails to Starboard wind blowing up strong with smooth sea all sail set 8 A.M. wind increasing and sea growing rough 8 P.M. wind blowing a strong bale furl led outer jib and kept topsails vessel shipping large quantities of water Pump attended 10 days out |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 209" | 13" 9' | 29° 15' | 29° 15' | E 1° 00' | 20" | 79° 35' | 79° 35' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|----------|---------|--|
| 1 | 8 | | N | N W by W | | Friday day of March 1885 Begins with light wind and a short sea not so rough as day before 5 P.M. set Outer jib tigger kept topsail Midnight over cast 6 A.M. wind canting to northward 8 A.M. tacked ship to northward Pump attended 11 days out |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 52" | 24" 1' | 30° 32' | 30° 00' | E 2 1/2° | 28" | 75° 48' | 75° 38' |

JOURNAL from *Mazatlan* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of March | 1885 |
|----|----|------------------|----------|--------|---------|--------------------------------------|--------------|------|
| 1 | 3 | | north | NE E | | Begin with light wind cloudy weather | | |
| 2 | 3 | | | | | | | |
| 3 | 3 | | | | | | | |
| 4 | 3 | | | | | | | |
| 5 | 3 | | | | | | | |
| 6 | 3 | | | | | | | |
| 7 | 3 | | | | | | | |
| 8 | 3 | | | | | | | |
| 9 | 2 | | NE N | NE N | | | | |
| 10 | 2 | | NE E | | | | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | Midnight heavy thunder and rain | | |
| 1 | 3 | | | | | | | |
| 2 | 3 | | NE E | NE N | | 2 A.M. wind came from NW | | |
| 3 | 2 | | | | | blew to Eastward | | |
| 4 | 2 | | | | | | | |
| 5 | 2 | | NE E | NW | | | | |
| 6 | 2 | | | | | | | |
| 7 | 2 | | | | | | | |
| 8 | 2 | | | | | Wind light & baffling | | |
| 9 | 2 | | | | | | | |
| 10 | 2 | | | | | | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | Pumps attended 12 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 6.5" | 09" | 80° 55' | 80° 51' | 8' 00" | 11" | 78° 08' | 78° 22' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of March | 1885 |
|----|----|------------------|----------|--------|---------|---|--------------|------|
| 1 | 0 | | | | | Begin with calm and smooth sea | | |
| 2 | 0 | | | | | | | |
| 3 | 0 | | | | | | | |
| 4 | 0 | | | | | | | |
| 5 | 0 | | | | | | | |
| 6 | 0 | | | | | | | |
| 7 | 0 | | N. | NSW | | 7 P.M. wind breezed up set all sail | | |
| 8 | 3 | | | | | | | |
| 9 | 3 | | NE E | | | | | |
| 10 | 2 | | | | | | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | Strong breeze cloudy weather | | |
| 1 | 9 | | | | | | | |
| 2 | 10 | | | | | 2 A.M. wind increasing furlled | | |
| 3 | 10 | | | | | Extra jib. | | |
| 4 | 11 | | | | | 3 A.M. furlled 1st top sail | | |
| 5 | 9 | | | | | 330 Put on Reeb in Spanker set it | | |
| 6 | 7 | | | | | furlled flying jib | | |
| 7 | 6 | | NE E | NE W | | 6 A.M. wind coming from N.W. in a squall with a heavy sea running | | |
| 8 | 4 | | | | | vessel shipping water flooding Deck | | |
| 9 | 4 | | | | | all time | | |
| 10 | 4 | | NE E | NE E | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | Pumps attended 13 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 85° 4' | 61° 9' | 82° 16' | 82° 12' | 8° 30' | 78" | 77° 14' | 76° 59' |

JOURNAL from *Mazatlan* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of March | 1885 |
|----|----|------------------|----------|--------|---------|--|--------------|------|
| 1 | 4 | | NE E | N | | Begin with fresh breeze cloudy sky | | |
| 2 | 4 | | | | | and moderating turning Reef out of | | |
| 3 | 4 | | NE E | N.W. | | Spanker set flying jib | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | NE E | NE N | | 7 P.M. wind blowing on furlled flying | | |
| 8 | 3 | | | | | jib | | |
| 9 | 3 | | | | | 7 P.M. carried away Main Spring | | |
| 10 | 2 | | | | | stay furlled jib hauled down Main Sail | | |
| 11 | 2 | | NE E | | | got up a preventer stay | | |
| 12 | 2 | | | | | | | |
| 1 | 2 | | | | | | | |
| 2 | 2 | | | | 1/2 | | | |
| 3 | 2 | | | | | | | |
| 4 | 2 | | | | | | | |
| 5 | 2 | | | | | | | |
| 6 | 2 | | NE E | NE N | | 5 A.M. Reefed Fore Sail were shot to | | |
| 7 | 2 | | | | 1/2 | Westward set fore sail & heavy sea | | |
| 8 | 2 | | | | | running from North vessel shipping | | |
| 9 | 1 | | | | | large quantities of water | | |
| 10 | 1 | | | | 1/2 | Reefed Main Sail and set it to keep | | |
| 11 | 1 | | | | | vessel steady wind coming in squalls | | |
| 12 | 1 | | | | | Pumps attended 14 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 25" | 30" | 82° 22' | 82° 41' | 6' 10" | 5.5" | 76° 04' | 76° 01' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of March | 1885 |
|----|----|------------------|----------|--------|---------|-------------------------------------|--------------|------|
| 1 | 1 | | NE E | N | | Begin with strong breeze and heavy | | |
| 2 | 1 | | | | | sea vessel shipping heavy water | | |
| 3 | 1 | | | | 2/3 | | | |
| 4 | 1 | | | | | | | |
| 5 | 1 | | | | | | | |
| 6 | 0 | | NE E | NE N | 2/3 | 8 P.M. sea smoothing set jib | | |
| 7 | 0 | | | | | wind coming to Westward on the ship | | |
| 8 | 0 | | | | | & North East | | |
| 9 | 3 | | | | | | | |
| 10 | 3 | | | | | | | |
| 11 | 3 | | | | | | | |
| 12 | 3 | | | | | | | |
| 1 | 6 | | | | | Midnight set flying jib turned on | | |
| 2 | 8 | | | | | Reefed off Spanker set whole Main | | |
| 3 | 8 | | | | | Sail sea smoothing wind going down | | |
| 4 | 8 | | | | | | | |
| 5 | 8 | | NE E | N | | | | |
| 6 | 8 | | | | | | | |
| 7 | 8 | | | | | Vessel rolling and shipping water | | |
| 8 | 8 | | | | | flooding Deck | | |
| 9 | 8 | | | | | | | |
| 10 | 8 | | | | | 10 A.M. wind breezing on put on | | |
| 11 | 8 | | | | | Reef in Main Sail set it | | |
| 12 | 8 | | | | | Pumps attended 15 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 100" | 50" | 84° 28' | 84° 33' | 1' | 60" | 75° 01' | 74° 03' |

JOURNAL from Manzanilla

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | Day of March | 1855 |
|----|----|------------------|----------|---------|---------|-------------------------------------|--------------|------|
| 1 | 6 | | NE by N | West | | Begin with fresh Gale clear weather | | |
| 2 | 6 | | NE by E | | | | | |
| 3 | 6 | | NE by E | | | | | |
| 4 | 6 | | NE by E | NW by W | | | | |
| 5 | 6 | | | | | 4 P.M. set Flying jib | | |
| 6 | 6 | | | | | wind coming from NW | | |
| 7 | 6 | | | | | | | |
| 8 | 6 | | | | | | | |
| 9 | 6 | | | | | 5 P.M. wind moderating sea | | |
| 10 | 6 | | | | | going down and whole ship | | |
| 11 | 6 | | | | | and main sail | | |
| 12 | 6 | | | | | wind backing head and coming | | |
| 1 | 6 | | | | | to NE took to Westward | | |
| 2 | 6 | | NNW | NE by N | | | | |
| 3 | 6 | | | | | | | |
| 4 | 6 | | | | | wind backing on a fair breeze | | |
| 5 | 6 | | | | | day light found water discolored | | |
| 6 | 6 | | | | | and on sounding | | |
| 7 | 6 | | | | | | | |
| 8 | 6 | | | | | 8 P.M. got a sound of the least | | |
| 9 | 6 | | | | | not any bottom with 30 fathoms | | |
| 10 | 6 | | | | | line | | |
| 11 | 6 | | | | | Chromometer set about 50 | | |
| 12 | 6 | | | | | Pump attended mile to Eastward | | |
| | | | | | | 16 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 72" 5' | 08" 5' | 85° 46' | 86° 09' | 2° 05' | 06" | 74° 06' | 74° 4' |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | Day of March | 1855 |
|----|----|------------------|----------|---------|---------|-------------------------------------|--------------|------|
| 1 | 6 | | NNW | NE by N | | Begin with fresh Gale and heavy sea | | |
| 2 | 6 | | | | | | | |
| 3 | 6 | | | | | | | |
| 4 | 6 | | N by W | | | | | |
| 5 | 6 | | | | | 4 P.M. turned Reef out of fore sail | | |
| 6 | 6 | | | | | and spanker set them set under and | | |
| 7 | 6 | | | | | flying jibs. | | |
| 8 | 6 | | | | | Cal. by. | | |
| 9 | 6 | | | | | | | |
| 10 | 6 | | | | | | | |
| 11 | 6 | | | | | | | |
| 12 | 6 | | | | | | | |
| 1 | 6 | | North | SW. | | 1 P.M. wind came from SW | | |
| 2 | 6 | | | | | took sail to Starboard set Mizen | | |
| 3 | 6 | | | | | saft top sail | | |
| 4 | 6 | | | | | | | |
| 5 | 6 | | N by W | | | | | |
| 6 | 6 | | | | | 6 P.M. all sail set strong breeze | | |
| 7 | 6 | | | | | sky overcast. | | |
| 8 | 6 | | | | | | | |
| 9 | 6 | | | | | | | |
| 10 | 6 | | | | | | | |
| 11 | 6 | | | | | | | |
| 12 | 6 | | | | | Pump attended 17 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 93° 2' | 14° 8' | 87° 42' | 87° 32' | 2° 10' | 15" | 75° 14' | 75° 2' |

JOURNAL from Manzanilla

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | Day of March | 1855 |
|----|----|------------------|----------|---------|---------|---|--------------|------|
| 1 | 6 | | N. | NW by W | | Begin with strong breeze and cloudy weather fresh and brisk | | |
| 2 | 6 | | | | | | | |
| 3 | 6 | | NE by N | NNW | | | | |
| 4 | 6 | | | | | | | |
| 5 | 6 | | E by E | N by E | | | | |
| 6 | 6 | | | | | | | |
| 7 | 6 | | NNW | N E | | 6 P.M. furled saft & top sails | | |
| 8 | 6 | | | | | wind coming from Eastward took | | |
| 9 | 6 | | N by E | NE by E | | ship to Westward wind | | |
| 10 | 6 | | | | | increasing put in jib Reef in | | |
| 11 | 6 | | | | | Shankers, a short way sea | | |
| 12 | 6 | | | | | running wind blowing a strong | | |
| 1 | 6 | | N by W | N E | | Gale put in jib Reef in fore sail | | |
| 2 | 6 | | | | | set it | | |
| 3 | 6 | | NNW | | | | | |
| 4 | 6 | | | | | got a sound and 20 fathoms water | | |
| 5 | 6 | | SE by E | E by E | | took ship to Eastward | | |
| 6 | 6 | | | | | | | |
| 7 | 6 | | | | | | | |
| 8 | 6 | | | | | head shipping a large amount | | |
| 9 | 6 | | | | | of water | | |
| 10 | 6 | | | | | | | |
| 11 | 6 | | | | | wind blowing a Gale | | |
| 12 | 6 | | | | | Pump attended 18 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 84" | 1410" | 98° 15' | 00" | 2° 45' | 18" | 75° 10' | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | Day of March | 1855 |
|----|----|------------------|----------|--------|---------|------------------------------------|--------------|------|
| 1 | 6 | | E by E | N E | | Begin with a heavy Gale put | | |
| 2 | 6 | | | | | Reefed under two Reefed spanker | | |
| 3 | 6 | | | | | and main sail fore & by sail hoist | | |
| 4 | 6 | | | | | hoist | | |
| 5 | 6 | | | | | | | |
| 6 | 6 | | | | | | | |
| 7 | 6 | | | | | | | |
| 8 | 6 | | | | | | | |
| 9 | 6 | | | | | 8 P.M. wind moderating a heavy | | |
| 10 | 6 | | NNW | N E | | sea running more ship to Westward | | |
| 11 | 6 | | | | | | | |
| 12 | 6 | | | | | | | |
| 1 | 6 | | | | | | | |
| 2 | 6 | | | | | | | |
| 3 | 6 | | | | | | | |
| 4 | 6 | | | | | | | |
| 5 | 6 | | | | | 4 A.M. set Reefed fore sail & jib | | |
| 6 | 6 | | | | | wind moderating a little | | |
| 7 | 6 | | | | | | | |
| 8 | 6 | | | | | Wind moderating sea smoothing | | |
| 9 | 6 | | | | | burned in Reefed of fore sail due | | |
| 10 | 6 | | | | | spanker set them and whole main | | |
| 11 | 6 | | | | | sail flying jib | | |
| 12 | 6 | | | | | Pump attended 19 days out | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 25" | 141" | 97° 17' | 97° 28' | 2° 15' | 52" | 75° 52' | 74° 38' |

JOURNAL from *Mangamilla* towards *New York*

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 79" | 03'2" | 88°06" | 01 | W 90°18" | 10" | 73'24" | |

[illegible]

JOURNAL from Harbor towards New York

[illegible][illegible]

JOURNAL from

New York towards Harbor

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, 25 th day of March 1855 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | Begin with fresh breeze from |
| 2 | | | | | | NW. Steward left another canoe |
| 3 | | | | | | on board at noon. In. took |
| 4 | | | | | | meal from Dry Dock & |
| 5 | | | | | | Stapleton S. I. & high Coals |
| 6 | | | | | | most fast at 3 P.M. at the |
| 7 | | | | | | Wharf |
| 8 | | | | | | |
| 9 | | | | | | Thursday 26 th 55 |
| 10 | | | | | | Begin with light air from |
| 11 | | | | | | North, going to East at 10 to |
| 12 | | | | | | 5 M. M. strong breeze |
| 1 | | | | | | 6 P.M. hauled along side |
| 2 | | | | | | of another Schooner to load |
| 3 | | | | | | Coal |
| 4 | | | | | | Friday, 27 th March |
| 5 | | | | | | Begin with light air from |
| 6 | | | | | | South, continuing to S. E. |
| 7 | | | | | | commenced to load at 5 A.M. |
| 8 | | | | | | finished at 5 P.M. with 400 |
| 9 | | | | | | lbs Coal on deck at a draft |
| 10 | | | | | | of 10 ft 8 inches forward |
| 11 | | | | | | two men came on board P.M. |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

JOURNAL from

New York towards Curacao

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|-----------------|----------|--------|---------|------------------------------------|
| | | | | | | <i>Sunday 29 day of March 1885</i> |
| 1 | | | | | | <i>This day I came in with</i> |
| 2 | | | | | | <i>strong Bales from N.W.</i> |
| 3 | | | | | | <i>and Storing</i> |
| 4 | | | | | | <i>at Am Clearing gat</i> |
| 5 | | | | | | <i>under way & Proceeded</i> |
| 6 | | | | | | <i>down the Bay</i> |
| 7 | | | | | | |
| 8 | | | | | | <i>at 12 noon passed Sandy</i> |
| 9 | | | | | | <i>Hook.</i> |
| 10 | | | | | | <i>this ends my Harbour</i> |
| 11 | | | | | | <i>Log</i> |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|-----------------------------|
| | | | | | | Monday 30 day of March 1885 |
| 1 | 5 | | SE | | | Ship lay to came in with |
| 2 | 5 | | | | | Strong breezes from NW & W |
| 3 | 5 | | | | | with clearing weather. |
| 4 | 5 | | | | | |
| 5 | 11 | | | | | at 4 PM the Highland Light |
| 6 | 4 | | | | | & how NW & W 15 miles |
| 7 | 3 | | | | | middle part calm & clear |
| 8 | 3 | | | | | a heavy sea from the SE & E |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | Later part fresh breeze |
| 1 | 0 | | | | | from SE & E fine weather |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | | 39.26 | | | 49.28 | |

JOURNAL from

New York

towards

Curacao

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | 5 | | SE | SE | | This day came in with |
| 2 | 5 | | | | | fresh breeze from the SE |
| 3 | 5 | | | | | with clear weather |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | at 4 PM hauled all |
| 6 | 5 | | | | | the light sails |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | Middle part more moderate |
| 10 | 3 | | East | SE | | set light sails |
| 11 | 3 | | | | | |
| 12 | 3 | | SW | SE | | Midnight tacked ship |
| 1 | 3 | | | | | to the SW |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | 8 o'clock tacked to the SE |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | all the latter part fresh |
| 6 | 4 | | | | | breeze & fine weather |
| 7 | 4 | | | | | |
| 8 | 4 | | SE | SE | | |
| 9 | 4 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3924

7240

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | 5 | | SE | SE | | This day came in with |
| 2 | 5 | | | | | fresh breeze from the SE |
| 3 | 5 | | | | | & fine clear weather |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | Middle & latter part fresh |
| 9 | 5 | | | | | breeze & fine weather |
| 10 | 5 | | | | | all sail set |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | Pumps attended |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | Third day out |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3803

3809

70.10

JOURNAL from

New York

towards

Curacao

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|-----------------------------|
| 1 | 5 | | SE | SE | | This day came in with |
| 2 | 5 | | | | | fresh breeze from the SE |
| 3 | 5 | | | | | & fine weather |
| 4 | 5 | | SE | SE | | |
| 5 | 5 | | | | | |
| 6 | 5 | | SE | SE | | |
| 7 | 5 | | | | | |
| 8 | 5 | | SE | SE | | Middle part moderate breeze |
| 9 | 5 | | | | | from the westward with |
| 10 | 5 | | | | | thunder & lightning in |
| 11 | 5 | | | | | the NW |
| 12 | 5 | | | | | |
| 1 | 4 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | Seather part Calm |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 0 | | | | | 4 days out |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | Pumps attended |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

36.50

36.41

68.10

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---------------------------|
| 1 | 5 | | SE | SE | | This day came in with |
| 2 | 5 | | | | | fine breeze from the SE |
| 3 | 5 | | | | | & Cloudy |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | South | | | Middle rainy hauled |
| 8 | 5 | | | | | the light sails |
| 9 | 5 | | | | | |
| 10 | 5 | | SE | SE | | |
| 11 | 5 | | | | | |
| 12 | 5 | | SE | SE | | |
| 1 | 5 | | | | | Seather part fresh breeze |
| 2 | 5 | | | | | & stormy |
| 3 | 5 | | | | | at 8 AM doubled |
| 4 | 5 | | | | | reefed the spanker and |
| 5 | 5 | | | | | single reefed the fore |
| 6 | 4 | | SE | SE | | & main sail |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | noon tacked ship to the |
| 9 | 4 | | | | | eastward |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3528

3519

68.15

towards

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|-----------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

JOURNAL from

towards

Curacao

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | 2 | | East | SSW | | at this day came in |
| 2 | 2 | | | | | with fresh breeze & Cloudy |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | SSW | South | | Middle part fresh breeze |
| 8 | 2 | | | | | with falling Clouds |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | Scatter part more moderate |
| 12 | 2 | | | | | at 8 AM set water pit |
| 1 | 2 | | SE | SSW | | & turned the fore & main |
| 2 | 2 | | | | | Sail |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | more fresh breeze with |
| 6 | 4 | | | | | fairway & Sea |
| 7 | 4 | | SE | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | Pumps attended |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3509 3500

6849

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | 5 | | SE | SSW | | This day came in with |
| 2 | 5 | | | | | fresh breeze from SSW |
| 3 | 5 | | | | | with passing Clouds |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | Middle part Strong |
| 7 | 5 | | | | | breeze & rainy |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | at 3 AM doubled reefed |
| 10 | 5 | | | | | the fore sail & spanker |
| 11 | 5 | | | | | & single reefed the main |
| 12 | 5 | | | | | Sail |
| 1 | 5 | | SE | SSW | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | Scatter part Strong breeze |
| 5 | 5 | | | | | & closely ahead Sea |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | Pumps attended |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3415 3419

6623

JOURNAL from

towards

Curacao

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|-----------------------------|
| 1 | 4 | | SE | South | | This day came in with |
| 2 | 4 | | | | | fresh breeze from the South |
| 3 | 4 | | | | | with dark Cloudy |
| 4 | 4 | | | | | weather |
| 5 | 4 | | | | | |
| 6 | 4 | | | WNW | | at 5 PM the wind shifted |
| 7 | 4 | | | | | Suddenly to the NW |
| 8 | 4 | | | | | Moderate & rainy |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Middle part fine breeze |
| 1 | 4 | | | | | from NW with clearing |
| 2 | 4 | | | | | weather |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | Scatter part Moderate |
| 5 | 4 | | | | | breeze from the S with fine |
| 6 | 4 | | | | | weather |
| 7 | 4 | | | | | more turned out all |
| 8 | 4 | | SE | WSW | | the reefs |
| 9 | 4 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Pumps attended |
| 12 | 3 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3318 3324

6455

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|------------|--------|---------|--------------------------|
| 1 | 4 | | SE | WSW | | This day came in |
| 2 | 4 | | | | | with fresh breeze from |
| 3 | 4 | | | | | the S with passing |
| 4 | 4 | | | | | Clouds |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | Middle part fine breeze |
| 7 | 4 | | | | | from NW & fine clear |
| 8 | 4 | | | | | weather |
| 9 | 4 | | | | | |
| 10 | 4 | | South West | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Scatter part fine breeze |
| 1 | 4 | | | | | from NW with fine |
| 2 | 4 | | | | | clear weather |
| 3 | 4 | | | | | |
| 4 | 4 | | | WNW | | all sail set |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | WNW | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | WNW | | Pumps carefully attended |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3030 3020

6420

JOURNAL from *New York* towards *Puracora*

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|--------|----------|--------|---------|---|
| 1 | 6 | | S 1/2 W | North | | This day came in with fine breeze from the North & fine clear weather |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | at P.M. piled arms the wind NNE |
| 8 | 6 | | | | | |
| 9 | 4 | | S 1/2 E | NNE | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | all the latter part fine breeze & clear weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | Employed at ship duty |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 27.50 | 27.45 | | | 63.40 | |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|--------|-----------|--------|---------|--|
| 1 | 5 | | Saut & SE | | | This day came in with fine breeze from the SE & fine weather |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | Middle & latter part fresh breeze from SE & squally |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | Employed at ship duty |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 25.33 | 25.27 | | | 63.42 | |

JOURNAL from *New York* towards *Puracora*

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|--------|----------|--------|---------|---|
| 1 | 4 | | S 1/2 W | SE | | This day came in with fresh breeze from the SE & cloudy |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 24.7 | 24.01 | | | 63.48 | |

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|--------|----------|--------|---------|---|
| 1 | 3 | | S 1/2 W | SE | | This day came in with fine breeze from SE with passing clouds |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 23.27 | | | | 63.51 | |

JOURNAL from *New York* towards *Curacao*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 1 | | SSW | SW | | This day came in with fresh breeze from SSW & squally |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | SSW | | | at 1230 PM locked to the SSW |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | middle & latter part fine breeze & pleasant weather |
| 12 | 1 | | | | | |
| 1 | 1 | | SE | SSW | | |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | all sail set |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | ESE | South | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | Pumps attended |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 23 15 | 23 11 | | | 63 05 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 1 | | SSW | SE | | Throughout this day light breeze from SE with passing clouds |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | nothing of note this day |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | employed at ship duty |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | Pumps attended |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 22 22 | 22 19 | | | 63 28 | |

JOURNAL from *New York* towards *Curacao*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 3 | | SSW | SE | | The first part of this day light breeze from SE & cloudy |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | middle part fresh breeze from ESE with passing clouds |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 1 | | South | ESE | | |
| 10 | 4 | | | | | |
| 11 | 1 | | | | | latter part light breeze from SE & fine clear weather |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | all sail set |
| 5 | 3 | | SSW | SE | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | Pumps attended |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 21 20 | 21 30 | | | 63 55 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 0 | | | | | This day came in with light drizzling winds & calm |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | middle part light breeze from ESE & cloudy |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | latter part fresh breeze from ESE to NE with passing clouds |
| 12 | 0 | | | | | |
| 1 | 2 | | SE | SE | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 3 | | | | | all sail set |
| 5 | 4 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | Pumps attended |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | 20 28 | 20 22 | | | 63 59 | |

JOURNAL from *New York* towards *Curacao*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | Sy W | SE | | This day came in with fresh breeze winds with passing squalls |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | Sy W | | | Middle part fresh breeze & cloudy |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Middle part fresh breeze & cloudy

At 6 AM made the land anegada bearing South
Kept off for 2ail race passage

noon sail race bar NE 10 miles
all sail set

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

15 1808 6408

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | Sy W | SE | | This day came in with fresh breeze from the Eastward & squally |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Middle part fresh breeze with heavy rain squalls

Lighter part fresh breeze & fine weather

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

15 22 1519 6540

JOURNAL from *New York* towards *Curacao*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | Sy W | SE | | This day came in with fresh breeze from the Eastward & fine weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Middle part fresh breeze with passing clouds

noon made the land Buenayre bearing SW dis 10 mile

Rump attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

12 21 1218 6849

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | NNW | East | | This day came in with fine breeze from the Eastward & fine weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Middle & latter part light breeze & fine clear weather

all sail set

Rump attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

15 20 6648

JOURNAL from

towards

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of |
|----|----|------------------|----------|--------|---------|-------------------------|--------|
| 1 | 4 | | East | | | 1st day, breeze in with | |
| 2 | 4 | | | | | fresh breeze from the | |
| 3 | 4 | | | | | Eastward & squally | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |
| 1 | 4 | | | | | | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

15 22 15 19

65 40

JOURNAL from Brunayre

towards

Bangor

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 1885 |
|----|----|------------------|----------|--------|---------|----------|--------|------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | 4 | | NW | NE | | | | |
| 10 | 4 | | | | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | | | |
| 1 | 4 | | | | | | | |
| 2 | 4 | | | | | | | |
| 3 | 4 | | | | | | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | | | | | | |
| 8 | 4 | | | | | | | |
| 9 | 4 | | | | | | | |
| 10 | 4 | | | | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

13 26

68 38

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 1885 |
|----|----|------------------|----------|--------|---------|----------|--------|------|
| 1 | 4 | | NNW | East | | | | |
| 2 | 4 | | | | | | | |
| 3 | 4 | | | | | | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | | | | | | |
| 8 | 4 | | | | | | | |
| 9 | 4 | | | | | | | |
| 10 | 4 | | | | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | | | |
| 1 | 4 | | | | | | | |
| 2 | 4 | | | | | | | |
| 3 | 4 | | | | | | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | | | | | | |
| 8 | 4 | | | | | | | |
| 9 | 4 | | | | | | | |
| 10 | 4 | | | | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

15 20

66 48

JOURNAL from *Buenayre* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | N by N | by E | | 10 day of May This day came in with light breeze from E S E & fine clear weather |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | Middle & latter part fresh breeze & fine clear weather |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 4 | | | | | all sail set |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Middle & latter part
fresh breeze & fine clear
weather

all sail set

Pumps attended

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

10 44 66 33

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | N by W | by E | | 11 day of May This day came in with moderate breeze from the Eastward & fine clear weather |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 7 | | | | | at 2 am made the light on S W Point of Portarico |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

Middle & latter part
moderate breeze from
the Southward
& fine weather

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

17 48 67 20

JOURNAL from *Buenayre* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | | | | 12 day of May Throughout this day light baffling wind & Calm |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | at 2 PM Persechea Island bare East 12 miles |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

Employed Pumping Ship

Pumps attended

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

29 28 66 07

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | N by W | South | | 13 day of May This day came in with fine breeze from the Southward & fine clear weather |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | Scatter part fresh breeze from S S W with dark cloudy weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

all sail set

Employed at Ship Duty

Pumps attended

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

20 40 66 07

JOURNAL from *Buenayre* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | NW | SE | | This day came in with light breeze from the SE & dark cloudy weather |
| 2 | 2 | | | | | |
| 3 | 2 | | NW | NW | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | at 3 PM took a heavy squall from NW |
| 6 | 2 | | | | | Scatter part fresh breeze from NW & all day |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | NW | SE | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | Pumps attended |
| 2 | 4 | | | | | |
| 3 | 4 | | NW | SE | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2229 6633

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | NW | SE | | This day came in with fine breeze from the East |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 4 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | Middle & latter part light & baffling |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | all sail set |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | Pumps attended |
| 5 | 2 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2351 6700

JOURNAL from *Buenayre* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | NW | SE | | This day came in with light breeze from the Eastward & cloudy |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 3 | | | | | Middle light baffling & calm |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Scatter part light breeze from SE & cloudy |
| 12 | 0 | | | | | |
| 1 | 0 | | | | | |
| 2 | 0 | | | | | |
| 3 | 2 | | | | | all sail set |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2430 6713

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | NW | SE | | This day came in with fine breeze from the South and Partially Cloudy |
| 2 | 3 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | Middle fresh breeze & fine weather |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Scatter part fresh breeze with dark squally weather |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | heavy squalls with light wind in the NW |
| 5 | 5 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 7 | | | | | all drawing sail set |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | Pumps attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2632 6728

JOURNAL from Buenaire towards Bangor

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of | 1885 |
|----|----|------------------|----------|--------|---------|---------------------------|--------|------|
| 1 | 2 | | South | | | This day came in with | Monday | |
| 2 | 1 | | | | | fresh breeze from the | | |
| 3 | 4 | | | | | Southward with dark | | |
| 4 | 4 | | | | | threatning weather | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | | | | at 2 PM took a heavy | | |
| 8 | 4 | | | | | squall from the N. & S. | | |
| 9 | 1 | | | | | handed all light sails | | |
| 10 | 1 | | | | | | | |
| 11 | 1 | | | | | | | |
| 12 | 1 | | | | | 6 PM calm & rainy | | |
| 1 | 4 | | | | | Middle part moderate | | |
| 2 | 4 | | | | | breeze from the Southward | | |
| 3 | 4 | | | | | & cloudy | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 2 | | | | | Latter part light | | |
| 8 | 2 | | | | | drizzling & rainy | | |
| 9 | 2 | | | | | | | |
| 10 | 2 | | | | | | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2800 2800 67.55

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of | 1885 |
|----|----|------------------|----------|--------|---------|-----------------------|---------|------|
| 1 | 2 | | SE | | | This day came in with | Tuesday | |
| 2 | 2 | | | | | light drizzling winds | | |
| 3 | 2 | | | | | & cloudy | | |
| 4 | 2 | | | | | | | |
| 5 | 2 | | | | | | | |
| 6 | 2 | | | | | | | |
| 7 | 2 | | | | | | | |
| 8 | 2 | | | | | Middle & latter part | | |
| 9 | 2 | | | | | light drizzling winds | | |
| 10 | 2 | | | | | & rainy | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | | | |
| 1 | 2 | | | | | all sail set | | |
| 2 | 2 | | | | | | | |
| 3 | 2 | | | | | | | |
| 4 | 0 | | | | | Employed at various | | |
| 5 | 0 | | | | | shop duties | | |
| 6 | 0 | | | | | | | |
| 7 | 0 | | | | | | | |
| 8 | 0 | | | | | | | |
| 9 | 0 | | | | | | | |
| 10 | 0 | | | | | Pumps attended | | |
| 11 | 0 | | | | | & observation | | |
| 12 | 0 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

2840 68.10

JOURNAL from Buenaire towards Bangor

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of | 1885 |
|----|----|------------------|----------|--------|---------|-------------------------|-----------|------|
| 1 | 0 | | Calm | | | This day came in with | Wednesday | |
| 2 | 0 | | | | | cloudy with frequent | | |
| 3 | 0 | | | | | showers of rain | | |
| 4 | 3 | | SE | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | at 4 PM light breeze | | |
| 7 | 4 | | | | | from S & Saws a S. & S. | | |
| 8 | 4 | | | | | blowing to the S.W. | | |
| 9 | 4 | | | | | | | |
| 10 | 4 | | | | | | | |
| 11 | 4 | | | | | | | |
| 12 | 4 | | | | | | | |
| 1 | 4 | | South | | | Middle part fine breeze | | |
| 2 | 4 | | | | | from the Southward | | |
| 3 | 4 | | | | | with passing clouds | | |
| 4 | 4 | | | | | | | |
| 5 | 4 | | | | | | | |
| 6 | 4 | | | | | | | |
| 7 | 4 | | | | | | | |
| 8 | 4 | | | | | | | |
| 9 | 3 | | | | | | | |
| 10 | 3 | | | | | | | |
| 11 | 3 | | | | | | | |
| 12 | 3 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

30.56 68.15

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. | day of | 1885 |
|----|----|------------------|----------|--------|---------|-----------------------|----------|------|
| 1 | 2 | | SE | | | This day came in with | Thursday | |
| 2 | 2 | | | | | light drizzling winds | | |
| 3 | 2 | | | | | & calm | | |
| 4 | 2 | | | | | | | |
| 5 | 2 | | | | | | | |
| 6 | 2 | | | | | | | |
| 7 | 2 | | | | | | | |
| 8 | 2 | | | | | | | |
| 9 | 2 | | | | | | | |
| 10 | 0 | | | | | | | |
| 11 | 0 | | | | | | | |
| 12 | 0 | | | | | | | |
| 1 | 0 | | | | | | | |
| 2 | 0 | | | | | | | |
| 3 | 0 | | | | | | | |
| 4 | 2 | | | | | | | |
| 5 | 2 | | | | | | | |
| 6 | 2 | | | | | | | |
| 7 | 2 | | | | | | | |
| 8 | 2 | | | | | | | |
| 9 | 2 | | | | | | | |
| 10 | 2 | | | | | | | |
| 11 | 2 | | | | | | | |
| 12 | 2 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

31.15 30.31 68.30

JOURNAL from Banair towards Bangor

JOURNAL from Banair towards Bangor

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 2 | | NW | East | | This day came in with light breeze from the Eastward & Cloudy |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | SE | | Middle part fine breeze from S & E with passing clouds |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | S | | Scatter part fine breeze from S & E & fine weather |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 4 | | | SE | | All Sail Set |
| 7 | 4 | | | | | |
| 8 | 5 | | | | | Pumps Attended |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 6 | | NW | SE | | This day came in with fresh breeze from S & E & Cloudy |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 7 | | | WSW | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | 8 PM fresh breeze from W & S with clear & cloudy weather with clouds & lightning |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |
| 1 | 8 | | | NW | | at 11 took a squall from the NW with heavy rain |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | NW | NW | Scatter part moderate breeze from NW with clearing weather |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | SE | North | at 8 AM tacke to the SW |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | NW | NW | Pumps Attended |
| 12 | 8 | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | NW | SE | | This day came in with moderate breeze from the Southward and Cloudy |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | South | | Middle part breeze with passing clouds |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | Scatter part fresh breeze from S & W & Cloudy |
| 2 | 4 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 5 | | | SW | | Pumps Attended |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | NW | NW | | This day came in with light breeze from NW & clear weather |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 3 | | | SW | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | Middle & Scatter part moderate breeze from S & W & Cloudy |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 4 | | | | | All Sail Set |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | Employed at Skidling |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Pumps Attended |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

3144

6910

3609

7100

3329

7000

3555

7050

JOURNAL from Banair towards Bangor

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|--------|---------------|--------|---------|--|
| 1 | 3 | | N 8/10 S 8/10 | | | This day came in with moderate breeze from S 8/10 & hazy weather |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

2nd day of May 1885
This day came in with moderate breeze from S 8/10 & hazy weather

Middle & latter part light breeze & foggy all sail set

Employed at ship duty

Pumps attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

38.55

71.20

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|--------|---------------|--------|---------|--|
| 1 | 2 | | N 8/10 S 8/10 | | | Spanghanty this day moderate breeze from S 8/10 to S 1/4 W with thick foggy weather all sail set |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

Employed at ship duty

Pumps attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

39.55

73.03

JOURNAL from Banair towards Bangor

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|--------|----------------|--------|---------|--|
| 1 | 3 | | N 8/10 S 8/10 | | | This day came in with moderate breeze from S 8/10 with dark hazy weather |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 4 | | E 1/2 S N 8/10 | | | Spatter part fresh breeze from N 8/10 with clearing weather |
| 2 | 4 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

2nd day of May 1885
This day came in with moderate breeze from S 8/10 with dark hazy weather

Midnight the wind shifted suddenly to the N 8/10 moderate

Spatter part fresh breeze from N 8/10 with clearing weather

at 8 am tacked to the Northward

all sail set

Pumps attended

at 10.30 mat. Montauk Point bearing N 8/10

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | 1/2 K. | COURSES. | WINDS. | LEEWAY. | Remarks |
|----|----|--------|---------------|--------|---------|---|
| 1 | 4 | | N 8/10 S 8/10 | | | This day came in with moderate breeze from the E N 8/10 & clear weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 2 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | |
| 1 | 0 | | | | | |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 2 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Middle part Calm

Spatter part light breeze from the E & E by N all sail set

Pumps attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Bonaire* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Saturday</i> day of <i>May</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day I came in with light breeze from S & E and fine weather at 5:30 PM passed Gay Head 9 clo

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thursday</i> day of <i>June</i> 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day began with fine weather and moderate breeze we have been having our cleets caulked and been repairing topsail and working on the wheel

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Bangor* towards *Battersea*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thursday</i> day of <i>June</i> 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

South

This day came in with fine weather and southerly wind at 2 o'clock towed from Bangor to fort point

at 6:15 anchored in fort point soverels this 24 hour from the beach

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wednesday</i> day of <i>June</i> 1885 |
|----|-----------------|------------------|----------------|----------------|---------------|---|
| 1 | 6 | | <i>SSW</i> | <i>SSW</i> | $\frac{1}{2}$ | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 3 $\frac{1}{2}$ | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | | | | | | |
| 12 | | | <i>SSW</i> | | | |
| 1 | | | | | | |
| 2 | 4 | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | 5 | | <i>SW by S</i> | <i>NW to N</i> | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 3 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | | | | | | |

This day came in with fine and moderate weather at 5:15 AM hoisted anchor at fort point and proceeded down the Bay

2 P M passed White Head at 4 St George the sun is coming ship duty lamps been tried since this 24 hours

8 P M light wind from the Westland

Midnight light winds varying from NW to North lamps attended

1 day out

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Bangor towards Baltimore

towards

Baltimore

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|------------------------------------|
| 1 | 5 | | | | | Thurs 18 day of June 1885 |
| 2 | 5 | | | | | This day begins with fine weather |
| 3 | 5 | | | | | and moderate breeze at 12.30 A.M. |
| 4 | 6 | | | | | The wind shifted from West to N.W. |
| 5 | 5 | | | | | |
| 6 | 4 | | | | | |
| 7 | 3 | | | | | 12 o'clock noon light winds from |
| 8 | 3 | | | | | the N.W. at 1 o'clock moderate |
| 9 | 3 | | | | | light bearing S.W. by W distance |
| 10 | 3 | | | | | 8 miles |
| 11 | 2 | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | 2 o'clock P.M. wind suddenly |
| 3 | | | | | | shifted to the S.E. at 7 o'clock |
| 4 | | | | | | shifted to the Eastward |
| 5 | 5 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> 19 day of <i>June</i> | 1855 |
|----|----|------------------|----------|--------|---------|--|------------|
| 1 | 3 | | | | | | |
| 2 | 3 | | | | | | |
| 3 | | | | South | | This day begin with a moderate breeze from the S and clear weather | |
| 4 | 3 | | | | | at 5 AM arrived at the foot of the shoals | |
| 5 | 3 | | | | | | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | SSW | | 8 do | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | | 2 PM passed Vineyard Haven. | |
| 10 | 3 | | | | | | |
| 11 | 3 | | | SW | | 8 PM passed gay head | |
| 12 | 3 | | | | | | |
| 1 | 3 | | | | | Midnight fresh breeze from the SW | |
| 2 | 3 | | | SW | | | |
| 3 | 3 | | | | | | |
| 4 | 3 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | | | | | | pass rather distant rounding ship during | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | 3 days out |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Bangor* towards *Bathimore*

towards

Bathinori

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 20 day of Janu 1855 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | | SW | | This day begins with light breeze from the S. variable weather at 3 P M passed Northank point |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | SW | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | WSW | | 8 P M wind a little stronger and continuing on to the westward all sail set |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 21 day of June 1855 |
|----|----|------------------|----------|--------|---------------|--|
| 1 | 4 | | | South | $\frac{1}{2}$ | This day begins with strong S.W. breeze and clear weather at 4 P.M. took in a rain and squalls to make it severe |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | $\frac{1}{2}$ | 4 P.M. wind blowing heavy and contrary to the S.W. took in with jib and fore dield |
| 6 | 4 | | | SSW | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 5 | | | | | Midnight clear with S.W. breeze all |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | SSW | | |
| 1 | 5 | | | | | 5 days out |
| 2 | 5 | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Banger* towards *Battersea*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|-------------|--------|---------|--|
| 1 | | | | SW | | Thurs day with breeze blowing heavy from the S.W. at 1 A.M. cleared up for main and mizzen top sails and stowed them |
| 2 | 3 | | | | | |
| 3 | 4 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | SW by S WNW | | | 11 A.M. set the top sails as the wind shifted to the WNW and set the outer jib |
| 8 | | | | | | 4 P.M. was struck by a heavy squall from the NW carrying away jib and flying jib and splitting spanker |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | SW | | 6 P.M. spanker repaired and flying jib both set |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 3 | | | | | 8 P.M. Moderate weather and wind from the SW set the top sails so ends this 24 hours |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | 6 days out Pump all in |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|-----------------|--------|---------|---|
| 1 | 4 | | SW | NW | | Thurs day begins with strong breeze from the NW and partly cloudy |
| 2 | 5 | | | | | |
| 3 | 6 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | SW by S S North | | | 4 A.M. passed 5 fathern bank light ship |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 2 | | | | | 8 P.M. Moderate wind from the Westward |
| 2 | 2 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | SSW West | | | Midnight De weather |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 7 | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 7 days out |
| 11 | | | | | | |
| 12 | | | | | | all sail set |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Banger* towards *Battersea*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | SSW | East | | Thurs 24 hours begins with moderate wind from the East at 5 A.M. sighted Smiths Island at 10 A.M. passed Cape Henry |
| 2 | 5 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | WSW | NE | | |
| 7 | 4 | | | | | |
| 8 | 5 | | | | | 12 o'clock noon light in from the NE |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | North | NE | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | 4 P.M. Down with all sail set |
| 2 | 4 | | N by W | | | |
| 3 | 4 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 6 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 8 | | North | South | | Thurs 24 day of June 1185 |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | N by W | SSE | | This day begins with East by wind and cloudy weather 4 A.M. made Smiths point |
| 5 | 8 | | | | | |
| 6 | 9 | | | | | |
| 7 | 9 | | | | | |
| 8 | 8 | | N by E | SE | | 12 noon cloudy and rain |
| 9 | 8 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | N by E | SSE | | 4 P.M. Down weather |
| 12 | 7 | | | | | |
| 1 | 3 | | | | | 6 o'clock P.M. off Portsmouth point light |
| 2 | 3 | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Baltimore* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, What day of <i>July</i> 185 |
|----|----|------------------|--------------|-------------|---------|---|
| 1 | 9 | | | | | |
| 2 | 9 | | <i>South</i> | | | |
| 3 | 9 | | | <i>NW</i> | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 9 | | <i>S ½ E</i> | | | |
| 7 | 9 | | | | | |
| 8 | 9 | | | <i>West</i> | | |
| 9 | 9 | | | | | |
| 10 | 8 | | | | | |
| 11 | 9 | | <i>S ½ E</i> | | | |
| 12 | 8 | | | <i>West</i> | | |
| 1 | 8 | | | | | |
| 2 | 7 | | | <i>SW</i> | | |
| 3 | 7 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day begins with fine breeze from the NW and clear at 4 A M horse anchor in Baltimore and proceed down the Bay

12 noon off Cove point

6 o'clock ... Rappahannock spit all sail set

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Baltimore* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> day of <i>July</i> 185 |
|----|----|------------------|------------------------|-----------|---------|--|
| 1 | 4 | | <i>S ½ W</i> | | | |
| 2 | 7 | | | <i>SW</i> | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 6 | | <i>SE</i> | | | |
| 6 | 6 | | | <i>SW</i> | | |
| 7 | 6 | | | | | |
| 8 | 7 | | <i>N'E</i> | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | <i>N'E by N' W' SW</i> | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 9 | | | | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This 24 hours began with strong breeze from the S W at 16 A M sighted Cape Henry

12 noon off hog Island

4 P M wind shifted to the W N W and died out calm 6 o'clock sighted Chincoteague ... purple attached

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Baltimore* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri</i> 3 day of <i>July</i> 185 |
|----|----|------------------|------------|------------|---------|--|
| 1 | 3 | | | <i>SW</i> | | |
| 2 | 3 | | <i>NNE</i> | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | <i>SW</i> | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | <i>NNE</i> | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | <i>NNE</i> | | | |
| 1 | 2 | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day began with light breeze from the S W

at 1 P M passed Cape Henry

4 P M light winds and partly cloudy

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Baltimore* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat</i> 4 day of <i>July</i> 185 |
|----|----|------------------|------------|-----------|---------|--|
| 1 | 4 | | <i>NNE</i> | <i>SW</i> | | |
| 2 | 7 | | <i>E</i> | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | <i>NNE</i> | <i>SW</i> | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | <i>NNE</i> | <i>SW</i> | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |
| 1 | 6 | | | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day came in with light winds from the S W

12 noon passed Abacoona

4 P M passed Barnegat

6 o'clock wind backing from the S W to N and cloudy all sail set ... purple attached

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Baltimore* towards *New York*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 5 day of July 185 |
|----|----|------------------|----------|--------|---------|--------------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Drifted from West to S W

This day begins with foggy weather and Easterly wind at 11 o'clock AM anchored off Sandy Hook in the fore
3 AM got on the way and proceeded up the Bay at 8 o'clock made fast to the dock and took this log from Baltimore to N Y

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, day of 18 |
|----|----|------------------|----------|--------|---------|--------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Baltimore*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Fri 10 day of July 185 |
|----|----|------------------|----------|--------|---------|---------------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

This day begins with strong winds from the westward at 8 AM got under way and got out for the highlands as the weather clearing more for the southward had to run back

4 PM anchored in Long Island and pulled light sails

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Fri 11 day of July 185 |
|----|----|------------------|----------|--------|---------|---------------------------------|
| 1 | 6 | | | | | |
| 2 | 6 | | SW | | | |
| 3 | 6 | | SSW | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 9 | | | | | |
| 2 | 4 | | SW 1/8 | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

The first part of this day begins with squalls from the N W

at 5 o'clock AM got under way with the wind west

2 o'clock passed Bonnet

Latter part calm and cloudy weather

all sail set

stay over

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Baltimore*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sept 2 day of July</i> | 184 |
|----|----|------------------|----------|--------|---------|---|-----|
| 1 | 4 | | SSW | | | | |
| 2 | 5 | | | Nith | | This day begins with fresh breeze and North East wind at 4 AM Jaded Spanish to port | |
| 3 | 5 | | | | | | |
| 4 | 5 | | SSW | | | | |
| 5 | 5 | | | NE | | | |
| 6 | 5 | | | | | At 2 noon Jaded Spanish to Starboard | |
| 7 | 5 | | | | | | |
| 8 | 5 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 7 | | SSW | | | | |
| 11 | 7 | | | NE | | 4 P M light unseasonable clear weather | |
| 12 | 4 | | | | | | |
| 1 | 4 | | | ENE | | | |
| 2 | 5 | | | | | | |
| 3 | 5 | | SSW | | | Latter part Cloudy and calm | |
| 4 | 5 | | | | | all sail set | |
| 5 | 5 | | | | | | |
| 6 | 5 | | | | | | |
| 7 | 5 | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sept 3 day of July</i> | 1845 |
|----|----|------------------|----------|--------|---------|---|------|
| 1 | 6 | | SSW | | | This day begins with light breeze from the NNE | |
| 2 | 6 | | | | | | |
| 3 | 6 | | SSW | | | | |
| 4 | 6 | | | | | 4 A M passed Chesapeake | |
| 5 | 6 | | | | | | |
| 6 | 5 | | WSW | | | | |
| 7 | 5 | | | | | 1 o'clock sighted Smiths Island | |
| 8 | 5 | | | | | | |
| 9 | 5 | | W by S | | | | |
| 10 | 5 | | | | | at 4 P M passed in by Cape Henry and proceeded up the river | |
| 11 | 5 | | | | | | |
| 12 | 5 | | | | | | |
| 1 | 4 | | | | | | |
| 2 | 4 | | | | | | |
| 3 | 7 | | | | | | |
| 4 | 7 | | N W by N | | | Latter part fresh breeze from the East | |
| 5 | 7 | | | | | | |
| 6 | 7 | | | | | | |
| 7 | 7 | | | | | | |
| 8 | 3 | | NE | | | | |
| 9 | 7 | | | | | | |
| 10 | 7 | | | | | | |
| 11 | 7 | | | | | | |
| 12 | 7 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *New York* towards *Baltimore*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sept 4 day of July</i> | 1845 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | | | | SE | | | |
| 2 | | | | | | This day begins with fresh breeze from the SE at 3 P M anchored in Baltimore and put all the sails on and this leg from New York | |
| 3 | | | | | | | |
| 4 | | | | SE | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sept 5 day of July</i> | 1845 |
|----|----|------------------|----------|--------|---------|--|------|
| 1 | | | | SE | | | |
| 2 | | | | | | | |
| 3 | | | | | | begin with light breeze from the West and at 4 A M under way and | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | SW | | middle part fresh breeze from the SW proceeded down the Bay | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 1 | | | | | | 4 P M Down weather | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | SW | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Baltimore* towards *Banyor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Friday</i> day of <i>July</i> 1185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
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| 8 | | | | | | |
| 9 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Saturday</i> day of <i>July</i> 1185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Baltimore* towards *Banyor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sunday</i> day of <i>July</i> 1185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
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| 12 | | | | | | |
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| 2 | | | | | | |
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| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Monday</i> day of <i>July</i> 1185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
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| 9 | | | | | | |
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| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
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| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Baltimore* towards *Baltimore*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tues</i> 22 day of <i>July</i> 185 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 7 | | NE | SW | | Begin with fresh breeze from the S.W. |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | ENE | SW | | at 9.30 A.M. made Shimmon |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | SW | | 2 P.M. passed Montserrat |
| 12 | 8 | | | | | |
| 1 | 8 | | ENE | | | 6.30 had a squall from the N.W. and hauled down the Sparker |
| 2 | 8 | | | | | 8 o'clock set the Sparker |
| 3 | 8 | | | NW | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | Midnight Cloudy weather and S.W. wind following |
| 7 | 8 | | ENE | SW | | B. rain |
| 8 | 6 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | Pump attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed</i> 23 day of <i>July</i> 185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 4 | | | NW | | Begin with moderate breeze from the N.W. |
| 2 | 4 | | | | | at 8 A.M. anchored off the Shore full light S.W. |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | | | | | | Noon fair fog and calm |
| 9 | | | | | | at 3 P.M. got under way as the wind came from the S.W. |
| 10 | | | Anchored | | | |
| 11 | | | | | | Latter part fresh breeze from the S.W. |
| 12 | | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | SW | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | Midnight D. weather |
| 6 | 5 | | NNE | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | Pump Attended |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Baltimore* towards *Baltimore*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> 24 day of <i>July</i> 185 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | NW | | begin with light breeze from the N.W. and clear weather |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | NW | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | Iron Calm |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | 4 P.M. light breeze from the S.W. |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | Latter part D. weather |
| 6 | | | NE | SW | | Midnight D. |
| 7 | | | | | | |
| 8 | | | | SW | | |
| 9 | | | | | | all sail set |
| 10 | | | | | | |
| 11 | | | | | | Pump attended |
| 12 | | | | SW | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri</i> 25 day of <i>July</i> 185 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | SW | | This day began with thick and cloudy weather |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | 6 o'clock passed Montserrat |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | SW | | Latter part clear weather |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | 8 P.M. anchored in marsh harbor |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

towards

JOURNAL from

Banger

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat² day of July</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | Begin with clear weather |
| 2 | | | | | | and S.W. wind at 6 |
| 3 | | | | | | A.M. hove up anchor |
| 4 | | | | | | and proceeded up the bay |
| 5 | | | | | | river |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 19 noon anchored in |
| 11 | | | | | | Banger river the |
| 12 | | | | | | log of |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

L

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>day of</i> |
|----|----|------------------|----------|--------|---------|------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
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| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
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| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
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| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri³ day of July</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | This day begins with fine |
| 2 | | | | | | weather and S.W. wind |
| 3 | | | | | | at 12 o'clock noon finished |
| 4 | | | | | | loading and trilled down |
| 5 | | | | | | the river |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Later part cloudy and |
| 11 | | | | | | rainy |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Midnight Dr.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat¹ day of August</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | N.E. | | Begin with fresh breeze |
| 2 | | | | | | from the N.E. and partly |
| 3 | | | | | | cloudy with at 5 A.M. |
| 4 | | | | | | got under way at fort point |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | 12 o'clock the wind S.W. |
| 9 | | | | | | and coming in the sea |
| 10 | | | | S.W. | | we run into North port |
| 11 | | | | | | and anchored |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | Later part Dr. |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from Bangor towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|------------------------------|
| 1 | 1 | | SSW | | | Begin with fair weather |
| 2 | 6 | | | | | and Northeast wind on |
| 3 | 6 | | | | | 5 A.M. got under way |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | 12 o'clock noon light breeze |
| 9 | 7 | | | | | from the N.E. |
| 10 | 3 | | SW | | | |
| 11 | 4 | | | | | |
| 12 | 7 | | | | | |
| 1 | 7 | | | | | 3 P.M. wind South and |
| 2 | 7 | | | | | light breeze |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | SW | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|-------------------------------|
| 1 | 7 | | SSW | NE | | This 24 hours begin with |
| 2 | 7 | | | | | fresh breeze from the N.E. |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | SW | | | |
| 7 | 7 | | | | | 12 o'clock |
| 8 | 7 | | | | | Noon Cape Cod light |
| 9 | 7 | | | | | from N.W. 2 miles off |
| 10 | 7 | | | | | |
| 11 | 7 | | SSW | NE | | 3 o'clock arrived at the foot |
| 12 | 7 | | | | | of the shoals the wind |
| 1 | 7 | | | | | SE and blowing a gale |
| 2 | 7 | | | | | |
| 3 | 7 | | | SE | | |
| 4 | 10 | | | | | 4 P.M. Strong gale |
| 5 | 10 | | | | | |
| 6 | 10 | | | South | | |
| 7 | 10 | | | | | |
| 8 | 10 | | | | | 6 P.M. anchored in Vineyard |
| 9 | 10 | | | | | harbour and put all the |
| 10 | 10 | | | | | sails |
| 11 | 10 | | | | | |
| 12 | 10 | | | | | Midnight cloudy weather |
| | | | | | | and blowing a gale |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Bangor towards New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---------------------|
| 1 | | | | | | This day began with |
| 2 | | | | | | cloudy weather and |
| 3 | | | | | | blowing a gale of |
| 4 | | | | | | wind |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | Middle part rainy |
| 8 | | | | | | wind from the |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|----------------------------|
| 1 | | | | SW | | This day began |
| 2 | | | | | | |
| 3 | | | | | | With light breeze from the |
| 4 | | | | | | SW at 3 o'clock A.M. |
| 5 | | | | | | got under way and |
| 6 | | | | | | proceeded to beat up |
| 7 | | | | | | the Sound |
| 8 | | | | SW | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | 12 noon SW |
| 1 | | | | | | |
| 2 | | | | SW | | |
| 3 | | | | | | |
| 4 | | | | | | Latter part S |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | SW | | Midnight |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from

Bangor

towards

New York

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> day of <i>August</i> 185 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | This day begins with fresh breeze from the North |
| 4 | | | | | | |
| 5 | | | | | | 6 o'clock A.M. passed race rock |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 12 noon light breeze |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | 4 P.M. light under from the S.W. light under from the S.W. boat off Cape Island and Street by the clock or under this log |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Perth Amboy towards Boston

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tues</i> day of <i>Aug</i> 185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
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| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 12 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

Perth Amboy

towards

Boston

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> day of <i>August</i> 185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 5 | | | | | | |
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Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> day of <i>August</i> 185 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
| 2 | | | | | | |
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| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from *Nant* *Aug* towards *Boston*

JOURNAL from *Boston* towards *Banger*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>first day of August</i> 18 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
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| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>day of</i> 18 |
|----|----|------------------|----------|--------|---------|---------------------------|
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs day of August</i> 185 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | |
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 8th day of Sept</i> 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Bangor Me towards Saint-Louis

JOURNAL from Bangor Me towards Saint-Louis

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Thursday of Sept 1885 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 4 | | SW 68 | | | comes in with light Northerly winds and clear weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | SE or SW | | | |
| 8 | 4 | | | | | at 8 PM moon began light Bore |
| 9 | 3 | | | | | N. W. Dist 12 miles from the |
| 10 | 3 | | | | | take my departure |
| 11 | 3 | | SE or W | | | |
| 12 | 3 | | | | | Middle part - very light and |
| 1 | 2 | | | | | very light winds |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 2 | | SE or W | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Latter part - light - S winds. |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SE or W | 34 | 33 | 06 | 48-11 | 48-00 | 05 | 08 | 6924 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Fri 11 th day of Sept 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 0 | | | | | Calm and very light and very all |
| 2 | 0 | | | | | Winds through out this 24 hours. |
| 3 | 0 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | SE | | | |
| 6 | 2 | | | | | at 6 PM light Breeze |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 1 | | | | | |
| 12 | 0 | | | | | Middle part - very light winds |
| 1 | 1 | | | | | and clear |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | Latter part - the same |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SE | 15 | 10 | 5 | 42-40 | 42-47 | 05 | 8 | 6976 | 6977 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sat 12 th day of Sept 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | | | | first part of this 24 hours |
| 2 | 2 | | | | | very light winds and clear |
| 3 | 2 | | | | | weather |
| 4 | 2 | | SE | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | Middle part - S. S. |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | at 2 pm Tacked ship standing |
| 3 | 2 | | | | | to the Westward |
| 4 | 4 | | | | | at 4 Tacked again. |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | at 15 am sighted a vessel |
| 7 | 4 | | | | | on our Weather Bow |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | Latter part - light - W S wind |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SE 2 | 69 | 68 | 39 | 41-41 | 41-40 | 15 | 51 | 6833 | 6832 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 13 th day of Sept 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 5 | | SE | | | first part of this 24 hours |
| 2 | 5 | | | | | fresh Breeze and clear weather |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | West | | | at 4 PM Tacked ship heading West |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | SE | | | at 8 Tacked again heading SE |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | Middle part - more moderate |
| 2 | 3 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | Latter part - strong Breeze and passing |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SE 2 | 88 | 71 | 41 | 40-29 | 40-30 | 012 | 64 | 6783 | 6744 |

JOURNAL from *Wangor* Mr towards *Saint Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Mon 14 day of Sept</i> 1884 |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | | | | <i>Current of Gulf Setts East 2 1/2 knots</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | <i>Middle part fine</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Comes in with strong Breeze and Clear Weather

Middle part fine

Latter part Squally with light sails

at 12 Clear set light sails again

JOURNAL from *Wangor* Mr towards *Saint Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 16 day of Sept</i> 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 5 | | SSS | | | <i>first part of this 24 hours strong Breeze and cloudy Weather</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | SSS | | | <i>Middle part fine Weather all sail set pumps and lights attended in vessel making no water</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Middle part fine Weather all sail set pumps and lights attended in vessel making no water

Latter part de do

Winds.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SSS | 149 | 140 | 55 | 3805 | 3800 | 7 1/2 | 70 | 6520 | 6516 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 17 day of Sept</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
|----|----|------------------|----------|--------|---------|---|

| | | | | | | |
|----|---|--|-----|----------|--|--|
| 1 | 5 | | SSW | Variable | | <i>first part of this 24 hours fresh Breeze and overcast</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | <i>Middle part more Murderer Weather looking Bad</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Middle part more Murderer Weather looking Bad

at 7 made a vessel on our weather Bon which proved to be a Australian Barque & changed Longitude with her latter part Breeze freshens overcast towards

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SSS | 193 | 180 | 115 | 3525 | 3526 | 7 1/2 | 188 | 6262 | 6250 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 17 day of Sept</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
|----|----|------------------|----------|--------|---------|---|

| | | | | | | |
|----|---|--|-----|----------|--|--|
| 1 | 5 | | SSW | Variable | | <i>first part of this 24 hours fresh Breeze and overcast</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| SSS | 193 | 180 | 115 | 3525 | 3526 | 7 1/2 | 188 | 6262 | 6250 |

JOURNAL from Bangor Me towards Saint Croix

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Fri 8 th day of Sept 1881. |
|----|----|------------------|----------|--------|---------|--|
| 1 | 8 | | South | E N E | | first part of this 24 hours |
| 2 | 8 | | | | | strong Breeze and over Cast |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | middle part - more moderate |
| 2 | 8 | | | | | same weather |
| 3 | 5 | | | E S E | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | latter part - Clear and fine |
| | | | | | | smooth |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|-------------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| S $\frac{1}{2}$ E | 197 | 136 | 15 | 2834 | 2835 | 76 | 18 | 6018 | 6020 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|--------------------------------------|
| | | | | | | Sat 19 day of Sept 1855 |
| 1 | 5 | | | | | first part of this 24 hours fresh |
| 2 | 5 | | | | | Breeze and fine weather |
| 3 | 5 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |
| 1 | 4 | | | | | Middle part Breeze freshens |
| 2 | 4 | | | | | weather looking good took in |
| 3 | 4 | | | | | light - sails and furled them |
| 4 | 4 | | | | | Double Reefed the Sprinker |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | 5 am Blowing Heavy Doubt Reefed fore |
| 7 | 2 | | | | | and main sail and took in the |
| 8 | 2 | | | | | flying jib |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | Latter part Heavy gale hove to |
| 11 | 2 | | | | | under double Reefed Sprinker |
| 12 | 2 | | | | | |
| | | | | | | No Obbs |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|----------------------------|----------|---------------|------------|----------------|-------------|-----------------------|---------------|------------------|-------------|
| $S 1\frac{1}{2}^{\circ} W$ | 105 | 104 | 4 | 26.5° | — | $\frac{1}{2}^{\circ}$ | 12 | $80^{\circ} 12'$ | |

JOURNAL from Bangor Me towards Saint-Croix

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, 20 th day of Sept 1885. | |
|----|----|-----------------|------------------------|--------|-----------------------------|---|--|
| 1 | | | S. by E. gale off S.W. | S.E. | | first part of this 24 hours heavy gale from the S.E. and Sea Running heavy | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 1 | | | S. by E. gale off S.W. | E.S.E. | N.W. Drift - 2 1/2 fms. and | Middle part - Wind increased to a violent - Flurry came Sea Running very high and vessel laboring heavy glass rising & falling at short intervals | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 1 | | | S. by E. gale off S.W. | E.S.E. | | Latter part gale abates a little and glass more steady | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| NW | 50 | 35 | 35 | 2725 | — | 75 | 40 | 61-02 | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Mon 21 day of Sept.</i> | 1885. |
|----|----|------------------|----------|--------|---------|---|-------|
| 1 | | | | | | <i>first part of the 24 hours</i> | |
| 2 | | | | | | <i>first gales and a heavy cross sea</i> | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | <i>Middle part - more moderate</i> | |
| 1 | | | | | | <i>Set main sail Double Reefed</i> | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | <i>latter part - Set fore sail D.R. and</i> | |
| 12 | | | | | | <i>fore stay sail</i> | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | | | 28 01 | | | | 21 32 |

JOURNAL from *Banger* *Me* towards *Saint Louis*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tu 22nd day of Sept</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | <i>first part of this 24 hours thick Rainy weather & low falling suddenly Wind Backing to the North took in Spanish and Main sail and Run under B.R. fore sail</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 5 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | | | | <i>Middle part - Calm, heavy from the NW</i> |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | <i>latter part - more moderate Set - M. sail & Spkr and whole fore sail</i> |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 238 48 | 114 | 100 | 50 | 2422 | 2421 | 3 | 32 | 6050 | 6050 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 23rd day of Sept</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | 5 | | | | | <i>low in with WSW winds and overcast</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | <i>Middle part - Squally weather</i> |
| 2 | 4 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | <i>latter part - fine made all sail sailed</i> |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 238 48 | 104 | 99 | 30 | 2242 | 2240 | 3 | 33 | 6017 | 6018 |

JOURNAL from *Banger* *Me* towards *St Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 24th day of Sept</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | 6 | | | | | <i>first part of this 24 hours light Winds and fine weather all last Set</i> |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | | | | <i>Middle part - do do</i> |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | <i>Sighted a vessel on our weather Bow</i> |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | <i>latter part - passing clouds sailed</i> |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 88 48 | 138 | 136 | 20 | 2024 | 2023 | 19 | 25 | 6042 | 6044 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 25th day of Sept</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | | | | <i>low in with light W winds and fine weather</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | <i>Middle part - moderate and fine</i> |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | <i>latter part - Do</i> |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 88 48 | 144 | 88 | 30 | 1852 | 1853 | 13 | 37 | 6113 | 6118 |

JOURNAL from Bangor Me towards Saint Croix

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | 3 | | 89 W | Wx | | Sat 26 day of Sept - 1885 - first part of the 24 hours light - wind - and clear |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | rw | wg 8 | ed-4 | Pm touched ship heading NW |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | middle part - do weather |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | Latip part - touched again heading SW 2 m Sound |

| | Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---|--------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 1 | NW 3/4 N. or | 52 | 29 | 44 | 1922 | 1922 | 12 | 48 | 62-05 | 6200 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>June 27</i> day of <i>Sept</i> - | 18 <i>83</i> |
|----|----|------------------|--------------|-----------------|-------------|---|--------------|
| 1 | | | <i>SW</i> | <i>NW</i> | | <i>first part of this 24 hours moderate and clear</i> | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 1 | | | | | | <i>middle part Calm headed</i> | |
| 2 | | | | | | <i>light Sails and Spanker</i> | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | <i>Nazab</i> | <i>Naz. bl.</i> | <i>at 6</i> | <i>am made Sombroso Bearing</i> | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | <i>Later part Squally S.W.</i> | |
| 11 | | | | | | | |
| 12 | | | | | | <i>Scum</i> | |

[illegible]

JOURNAL from *Bangor Me* towards *Saint Cruz*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, Monday of Sept- 1885. |
|----|----|-----------------|----------|--------|---------|----------------------------------|
| 1 | | | | | | first part of the 24 hours. |
| 2 | | | | | | Rain - Squall and variable |
| 3 | | | | | | Winds. |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | middle part - Calm took in light |
| 1 | | | | | | Sails and hauled down the Spkr |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | latter part off anchorage |
| 11 | | | | | | |
| 12 | | | | | | Sails. |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| 53 23 | 13 2 | 2 8 | 2 8 | 2 8 | 2 8 | 39 | 2 8 | | 2 8 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>July 28 day of Sept-</i> | 18 <i>80</i> |
|----|----|------------------|----------|--------|---------|---|--------------|
| 1 | | | | | | <i>comes in with very light breeze</i> | |
| 2 | | | | | | <i>by Wind - made all sail</i> | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | <i>Middle part - do Winter</i> | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | <i>Left part off the Virgin Islands</i> | |
| 12 | | | | | | <i>Made Saint Croix bearing S by N.</i> | |

[illegible]

JOURNAL from *Bangor* towards *Saint-Croix*

JOURNAL from *Laying at Saint* towards *Croix*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wednesday of Sept</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | first part of this 24 hours for Breeze and fine weather |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | at 5 PM took Pilot on Board and |
| 7 | | | | | | Came in to the Harbor of |
| 8 | | | | | | Christiansted <i>Saint-Croix</i> |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | midnight Calm winds |
| 2 | | | | | | my Log Journal to commence |
| 3 | | | | | | my harbor Log |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 7 day of Oct</i> 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Rainy weather at work |
| 2 | | | | | | Discharging Cargo |
| 3 | | | | | | |
| 4 | | | | | | Thurs 8th finished the Stinger was obliged |
| 5 | | | | | | to stop work on account of the heavy Sea running |
| 6 | | | | | | strong |
| 7 | | | | | | Fri 9th Strong SW Wind and Rainy weather |
| 8 | | | | | | Let go both anchors and Run out 45 fathoms on |
| 9 | | | | | | Port and 30 on Starboard heavy Sea on the Beach |
| 10 | | | | | | 10 miles |
| 11 | | | | | | Sat 10th fine weather could not land cargo |
| 12 | | | | | | on account of the sea on the beach |
| 1 | | | | | | Sund 11th fine weather Sea going down gradually |
| 2 | | | | | | leaving |
| 3 | | | | | | Mon 12 at work Discharging fine weather |
| 4 | | | | | | leaving |
| 5 | | | | | | Tues 13 finished our cargo was obliged to |
| 6 | | | | | | leave a part of Lumber alongside until |
| 7 | | | | | | morning |
| 8 | | | | | | Wed 14 took the last part ashore and got |
| 9 | | | | | | ready for sea was not wind enough to |
| 10 | | | | | | get out |
| 11 | | | | | | leaving |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 1st day of October</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | light winds and fine weather |
| 2 | | | | | | throughout the day at 6 |
| 3 | | | | | | AM proceeded to move the |
| 4 | | | | | | Vessel with both anchors a head and 15 fathoms |
| 5 | | | | | | on the Starboard and 30 on the Port latter came |
| 6 | | | | | | to discharge Lumber |
| 7 | | | | | | Fri 2nd Fine weather at work on Lumber |
| 8 | | | | | | leaving |
| 9 | | | | | | Sat 3rd at work on Lumber got out about 38 over |
| 10 | | | | | | thousand when finished our cargo to be landed at this |
| 11 | | | | | | Port |
| 12 | | | | | | leaving |
| 1 | | | | | | Sund 4th Rain squalls and Cloudy throughout |
| 2 | | | | | | this day |
| 3 | | | | | | Mon 5th Pilot-Came on Board and at 5 AM got |
| 4 | | | | | | our anchors and Run line to Buoy and started |
| 5 | | | | | | to warp the vessel out of the Harbor was |
| 6 | | | | | | obliged to give it up on account of the strength |
| 7 | | | | | | of the wind |
| 8 | | | | | | leaving |
| 9 | | | | | | Tues 6th at 1 AM tried it again succeeded |
| 10 | | | | | | and came around the West end of the Island |
| 11 | | | | | | at 12 PM arrived at Fredrickstad <i>Saint-Croix</i> |
| 12 | | | | | | leaving |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 1st day of Oct</i> 1885 |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | Came in with light west |
| 2 | | | | | | wind and fine weather |
| 3 | | | | | | Wg at 5 AM and Bear |
| 4 | | | | | | out |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | at 12 off Tail Rock SW |
| 2 | | | | | | Wind |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Latter part moderate |
| 2 | | | | | | leaving |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Saint Croix* towards *Purcks Island*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tri 16</i> day of <i>Oct</i> | 18 |
|----|----|------------------|----------|-------------|------------|--|----|
| 1 | | | | | | <i>first part - Strong Breeze and</i> | |
| 2 | | | | <i>NE W</i> | <i>WSW</i> | <i>a heavy shot - sea from</i> | |
| 3 | | | | | | <i>the North</i> | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | <i>middle part - Moderate</i> | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | <i>Lat 18-50 = Lon 65-27</i> | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | <i>latter part - Strong Breeze</i> | |
| 12 | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | | . | | | | | | |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Lat 17 th day of Oct | 18 8 |
|----|----|------------------|----------|-----------|---------|--|------|
| 1 | | | NW 1/2 W | | | Light winds and squalls | |
| 2 | | | | | | broken weather throughout | |
| 3 | | | | | | this 24 hours | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | Very Calm | | | |
| 9 | | | | " | | | |
| 10 | | | | | | | |
| 11 | | | | | | Middle part the same | |
| 12 | | | | | | | |
| 1 | | | North | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | Lat 20 34 Lon = 66 24 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | latter part calm | |
| 12 | | | | | | | |

[illegible]

JOURNAL from *Saint Croix* towards *Purche Island*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|-----------------|----------|--------|---------|---------------------------|
| 1 | | | | | | Sun's day of Dec |
| 2 | | | | | | Calm and Clear throughout |
| 3 | | | | | | this 24 runs |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Lat 20 31 Lon 52 21 |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Mon 19 day of October 1885 |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | WNW | North | | first part of this 24 hours light |
| 2 | | | | | | Breez and fine weather set all |
| 3 | | | | | | sail |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | NE | | |
| 12 | | | | | | middle part Breez freshens |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | Lat 20 58 = Lon 67 06 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | at 8 sighted a vessell on our weather |
| 9 | | | | WNW | | Water which proved to be a 3 masted |
| 10 | | | | | | schuener |
| 11 | | | | | | Turkey Island Bear W $\frac{1}{4}$ N Dist 23 1 miles |
| 12 | | | | | | latter part moderate Breez |

[illegible]

JOURNAL from Santa Cruz towards Turks Island

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Tues 20th day of Oct</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | WN | | | first part of this 24 hours light |
| 2 | | | | | | Winds and fine weather |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Middle part - Moderate |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | Lat 21-14 Lon 69-16 |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Latter part - Calm - Turks Island |
| 11 | | | | | | Bearing W 3/4 N 108 miles Dist |
| 12 | | | | | | Towards |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 21st day of Oct</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Moderate and fine throughout |
| 2 | | | | | | this 24 hours |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | at 8 P.M. Calm hauled down all sail |
| 10 | | | | | | and stowed the peaks considerable |
| 11 | | | | | | of a sea heaving in from the North |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | Vary ble - Vary ble |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | Lat 21-18 Lon 69-46 |
| 8 | | | | | | |
| 9 | | | | | | Turks Island Bearing W 1/2 N 80 miles |
| 10 | | | | | | Dist |
| 11 | | | | | | |
| 12 | | | | | | Towards |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from Santa Cruz towards Turks Island

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 22nd day of October</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | Very light and vary ble winds |
| 2 | | | | | | thru out this 24 hours |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Middle part - Calm |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | Latter part - Wind very light |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Lat 21-44 Lon 70-41 |
| 11 | | | | | | |
| 12 | | | | | | Towards |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri 23rd day of Oct</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | first part of this 24 hours light |
| 2 | | | | | | Winds and fine weather |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | at 6 PM got Pilot on board |
| 7 | | | | | | and at 10 PM anchored at |
| 8 | | | | | | Turks Island |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | Middle part - Calm |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | at 4 am light breeze S.E. |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | at 5 am got under way and |
| 7 | | | | | | started for East Harbor |
| 8 | | | | | | there is good anchorage |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | Latter part - Calm Towards |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

JOURNAL from *Saging at* towards *East Harbor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Lat 24 day of October 1885</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | at anchor at East Harbor |
| 2 | | | | | | Commenced to take in dalt |
| 3 | | | | | | got in about 8000 bushels |
| 4 | | | | | | Sounds |
| 5 | | | | | | March 25 th fine weather no |
| 6 | | | | | | work sounds |
| 7 | | | | | | Mon 26 fine weather at night |
| 8 | | | | | | take dalt took in about |
| 9 | | | | | | 10000 bushels |
| 10 | | | | | | Tues 27 fine weather loading our |
| 11 | | | | | | cargo and got ready |
| 12 | | | | | | for sea got underway |
| 1 | | | | | | at 3 PM and being by |
| 2 | | | | | | sea sounds - my harbor |
| 3 | | | | | | Journal |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 28 day of Oct 1885</i> |
|----|----|------------------|--------------|---------------|---------|--|
| 1 | | | <i>N 2</i> | <i>E 33</i> | | Stowed anchors and chains |
| 2 | | | | | | and secured things about the |
| 3 | | | | | | Beck |
| 4 | | | | | | at 4 am Purchas Island light |
| 5 | | | | | | Boat 8 3 8 Dist 10 miles from |
| 6 | | | <i>N 2 W</i> | <i>S outh</i> | | this I take my Departure |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | Middle part strong breeze and |
| 1 | | | | | | over East accompanied with squall |
| 2 | | | <i>North</i> | <i>S 3 W</i> | | of Rain |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | <i>N 2 N</i> | <i>11</i> | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | Latter part the same thin sea shall |
| 12 | | | | | | contain 36 hours |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|------------|---------------|------------|---------------|--------------|------------|---------------|--------------|--------------|
| | <i>218</i> | <i>18</i> | | <i>25-11</i> | <i>25-11</i> | <i>45</i> | <i>20</i> | <i>71-30</i> | <i>71-30</i> |

JOURNAL from *Purchas Island* towards *Bangor Me*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 29 day of Oct 1885</i> |
|----|----------|------------------|--------------|--------------|---------|--|
| 1 | <i>8</i> | | <i>N 2 W</i> | <i>S 3 W</i> | | first part of this 24 hours strong |
| 2 | <i>8</i> | | | | | Breezy and squally weather |
| 3 | <i>8</i> | | | | | |
| 4 | <i>8</i> | | | | | at 4 PM took in light sails and |
| 5 | <i>8</i> | | | | | single reefed the spkr |
| 6 | <i>8</i> | | | | | |
| 7 | <i>8</i> | | | | | |
| 8 | <i>8</i> | | | | | |
| 9 | <i>8</i> | | | <i>W 3 W</i> | | |
| 10 | <i>8</i> | | | | | |
| 11 | <i>8</i> | | | | | |
| 12 | <i>8</i> | | | | | Middle part heavy Rain squalls |
| 1 | <i>8</i> | | | | | |
| 2 | <i>8</i> | | | | | |
| 3 | <i>8</i> | | | | | |
| 4 | <i>8</i> | | | | | |
| 5 | <i>8</i> | | | | | |
| 6 | <i>8</i> | | | | | |
| 7 | <i>8</i> | | | | | |
| 8 | <i>8</i> | | | | | anchors attended to |
| 9 | <i>8</i> | | | | | |
| 10 | <i>8</i> | | | <i>West</i> | | Latter part strong westerly winds |
| 11 | <i>8</i> | | | | | and clear |
| 12 | <i>8</i> | | | | | Sailing on |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|--------------|------------|---------------|------------|---------------|-------------|------------|---------------|-----------|-------------|
| <i>N 2 W</i> | <i>168</i> | <i>164</i> | <i>10</i> | <i>2742</i> | <i>2745</i> | | | <i>15</i> | <i>7145</i> |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri 30 day of Oct 1885</i> |
|----|----------|------------------|----------------|-------------|---------|--|
| 1 | <i>8</i> | | <i>N 2 W</i> | <i>West</i> | | first part of this 24 hours strong |
| 2 | <i>8</i> | | | | | Westerly winds and considerable |
| 3 | <i>8</i> | | | | | sea clear weather |
| 4 | <i>8</i> | | | | | at 4 lighted a fire on my weather |
| 5 | <i>8</i> | | | | | Boat Burn & by the 3 rd |
| 6 | <i>8</i> | | | | | at 6 hauled down fire sail and |
| 7 | <i>8</i> | | | | | single reefed it |
| 8 | <i>8</i> | | | | | |
| 9 | <i>8</i> | | | | | |
| 10 | <i>8</i> | | | | | |
| 11 | <i>8</i> | | <i>N 1/2 W</i> | | | Middle part fine light attended |
| 12 | <i>8</i> | | | | | to |
| 1 | <i>8</i> | | | | | |
| 2 | <i>8</i> | | | | | |
| 3 | <i>8</i> | | | | | |
| 4 | <i>8</i> | | | | | |
| 5 | <i>8</i> | | | | | |
| 6 | <i>8</i> | | | | | |
| 7 | <i>8</i> | | | | | |
| 8 | <i>8</i> | | | | | |
| 9 | <i>8</i> | | | | | |
| 10 | <i>8</i> | | | | | |
| 11 | <i>8</i> | | | | | Latter part made up sail |
| 12 | <i>8</i> | | | | | ready |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|----------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|-------------|
| <i>N 3/4 W</i> | <i>123</i> | <i>121</i> | <i>18</i> | <i>2941</i> | <i>2942</i> | <i>74</i> | <i>22</i> | <i>7207</i> | <i>7207</i> |

JOURNAL from *Furber Island* towards *Bangor Me*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat 5th day of October</i> | 18 <i>1885</i> |
|----|----|------------------|----------------------------|-----------------|------------------|---|----------------|
| 1 | 4 | | <i>North</i> | <i>N. N. W.</i> | <i>1/2 Point</i> | <i>first part of this 24 hours</i> | |
| 2 | 4 | | | | | <i>fine weather all sail set</i> | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | <i>NE</i> | | | | |
| 6 | 4 | | | <i>N. W.</i> | | | |
| 7 | 4 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | <i>NE</i> | | | <i>Middle part moderate and clear</i> | |
| 1 | 4 | | | | | | |
| 2 | 4 | | | | | | |
| 3 | 4 | | | | | | |
| 4 | 4 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 4 | | | | | | |
| 7 | 3 | | <i>NW & N E. N. E.</i> | | <i>at 8</i> | <i>AM Sailed ship heading NW & S</i> | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 2 | | | | | | |
| 11 | 2 | | | | | | |
| 12 | 2 | | | | | <i>latter part very moderate</i> | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| N E | 70 | 30 | 50 | 3044 | 3044 | 73 | 60 | 71=7 | 7107 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, Sun 1 st day of November 18 85 |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | North | SE | | first part of this 24 hours moderate and fine |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 4 | | | | | |
| 8 | 5 | | | Scotch | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | Middle part - Strong Breeze and Clear |
| 1 | 7 | | | | | |
| 2 | 7 | | N N W | S W | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | Saw a number of vessels to windward |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | Later part - Squally and Calm |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Distance | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|----------|----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| NW 1/4 W | 124 | 112 | 54 | 3236 | 3236 | 74 | 66 | 12-12 | 52-12 |

JOURNAL from *Turkey Island* towards *Bangor Me*

| H. | K. | $\frac{1}{2}$ K | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Mon 2^d day of November 18 85</i> |
|----|----|-----------------|------------|--------|---------|---|
| 1 | | | <i>Ngn</i> | | | <i>first part of day 24 hours</i> |
| 2 | | | | | | <i>Moderate and a heavy Cross Sea</i> |
| 3 | | | | | | <i>Clewed up light sails</i> |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | <i>fresh Breeze Set all sail</i> |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | <i>middle part Breeze strong</i> |
| 1 | | | | | | <i>Clewed up light sails and</i> |
| 2 | | | | | | <i>single Reefed Sticks</i> |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | <i>u i</i> | | | <i>Wyd. 2 more creases in a gold single</i> |
| 7 | | | | | | <i>Reef fore & main sail and</i> |
| 8 | | | | | | <i>Double Reefed Sprkr</i> |
| 9 | | | <i>u "</i> | | | |
| 10 | | | | | | <i>latter part -</i> |
| 11 | | | | | | <i>more moderate</i> |
| 12 | | | | | | <i>more moderate</i> |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| | | 113 | 15 | 3428 | 3429 | 15 | 20 | 7229 | 7229 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs</i> day of <i>November</i> 18 <i>83</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | | | | <i>first part - strong gales and a</i> |
| 2 | | | | | | <i>heavy sea</i> |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | <i>middle part - more moderate</i> |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | <i>Lat 34-37 = Lon 72-19 =</i> |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | <i>all sail set -</i> |
| 12 | | | | | | <i>latter part fine weather very light</i> |

[illegible]

JOURNAL from *Tureks Island* towards *W Bangor Me*

JOURNAL from *Tureks Island* towards *W Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Wed 4th day of November 1885</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | 2 | | NW | | | first part of this 24 hours over light winds and fine weather |
| 2 | 9 | | | W 30 | | |
| 3 | 9 | | | | | |
| 4 | 9 | | | | | |
| 5 | 9 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 9 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | NW | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | Middle part - Breeze freshens a little |
| 2 | 4 | | | 30 | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | at 8 am sighted a vessel on our weather Bow which proved to be a Brig Bound to the Northward |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 4 | | | | | |

Early part - Current of Gulf

at 8 am sighted a vessel on our weather Bow which proved to be a Brig Bound to the Northward
 Latter part - fine sounder

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|-------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| N 80° 14' W | 64 | 62 | 18 | 3539 | 3539 | 2/6 | 23 | 7242 | 7242 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Thurs 5th day of November 1885</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | NAW | 30 | | first part fresh Breeze and fine all sail set |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | " " | | | |
| 10 | 7 | | | | | |
| 11 | 8 | | | | | |
| 12 | 5 | | | " " | | |
| 1 | 5 | | | | | Middle part moderate |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | " " | | | |
| 7 | 5 | | | | | at 4 am went end of the Stream |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

sighted a vessel on our lee Bow which proved to be a Brig Bound to the Northward

Latter part fine sounder

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|-------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| N 80° 14' W | 138 | 125 | 41 | 3745 | 3745 | 2/6 | 63 | 7385 | 7385 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Fri 6th day of November 1885</i> |
|----|----|------------------|----------|--------|---------|---|
| 1 | 5 | | N 8 E | 30 | | first part light winds and fine weather |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Middle part do weather |
| 2 | 5 | | N 8 E | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | Sounded in 35 fathoms of water |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 6 | | | | | |

Latter part - Breeze freshens

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|-------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| N 80° 14' W | 119 | 115 | 30 | 3940 | 3940 | 1/5 | 42 | 7253 | 7253 |

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, <i>Sat 7th day of November 1885</i> |
|----|----|------------------|----------|--------|---------|--|
| 1 | | | | | | first part of this 24 hours - strong Breeze and overcast |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | NE | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Middle part - strong S E Wind and fine weather made Montank Point - light Breeze N E |
| 2 | | | | | | |
| 3 | | | N 8 E | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | at 3 am off Black Island |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

Latter part - more moderate of Chatham sounder

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|-------------|-----------|---------------|------------|---------------|-------------|------------|---------------|----------|-------------|
| N 80° 14' W | 138 | 125 | 41 | 3745 | 3745 | 2/6 | 63 | 7385 | 7385 |

JOURNAL from *Surck Island* towards *Bangor*

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks. |
|----|----|------------------|----------|--------|---------|---|
| 1 | | | NNE | | | Run 8 th day of November 188 |
| 2 | | | | | | first first light SS West-Wind and |
| 3 | | | NNE. | | | clear. |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

[illegible]

| H. | K. | $\frac{1}{2}$ K. | COURSES. | WINDS. | LEEWAY. | Remarks, | day of | 18 |
|----|----|------------------|----------|--------|---------|----------|--------|----|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

[illegible]

